

Program Complot
(Version 2021-1)

by

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(Present Contact Information)

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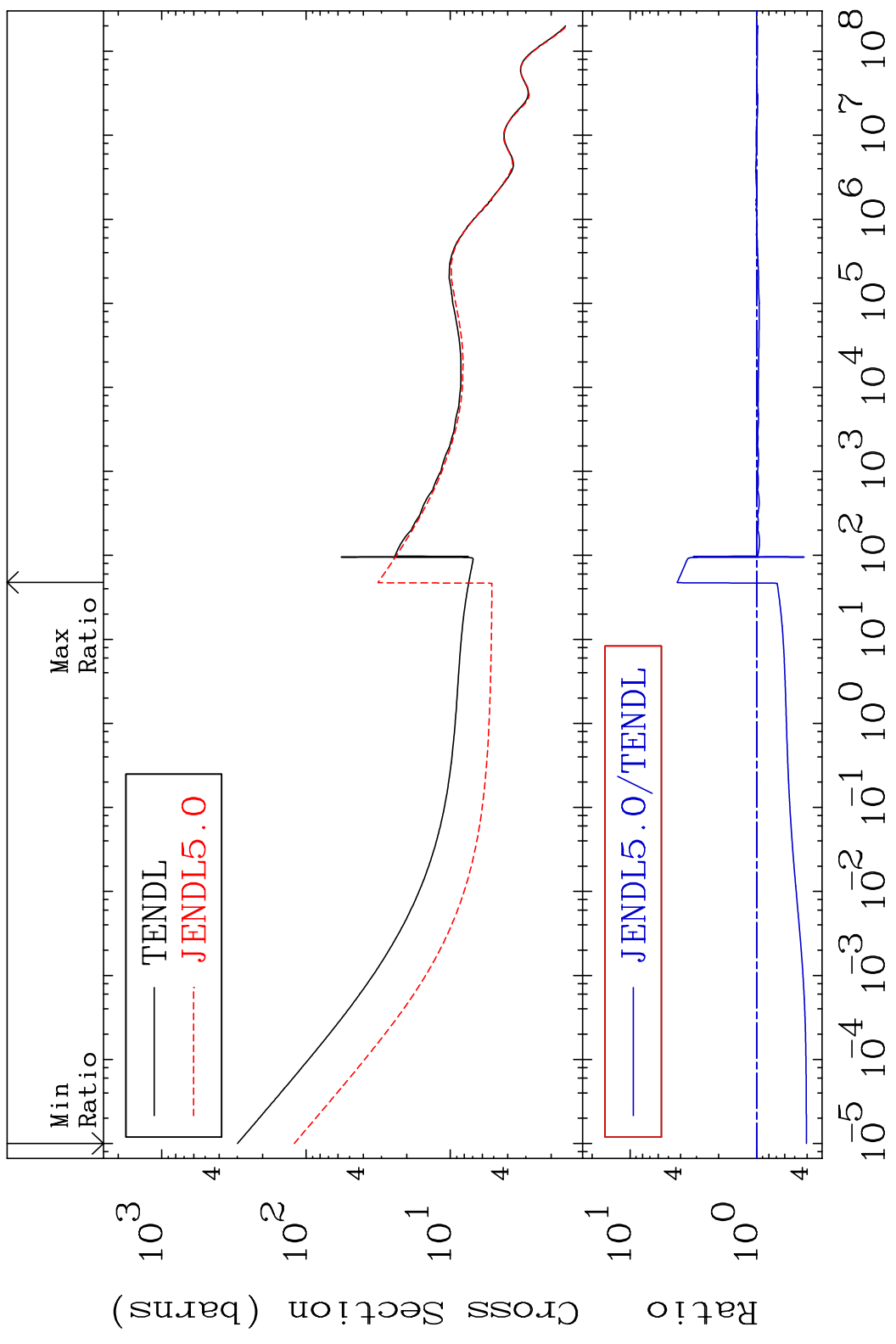
Press Mouse Button to Start

MAT 4126

41-Nb-93m

Total

Cross Section -59.53 To 325.5 %

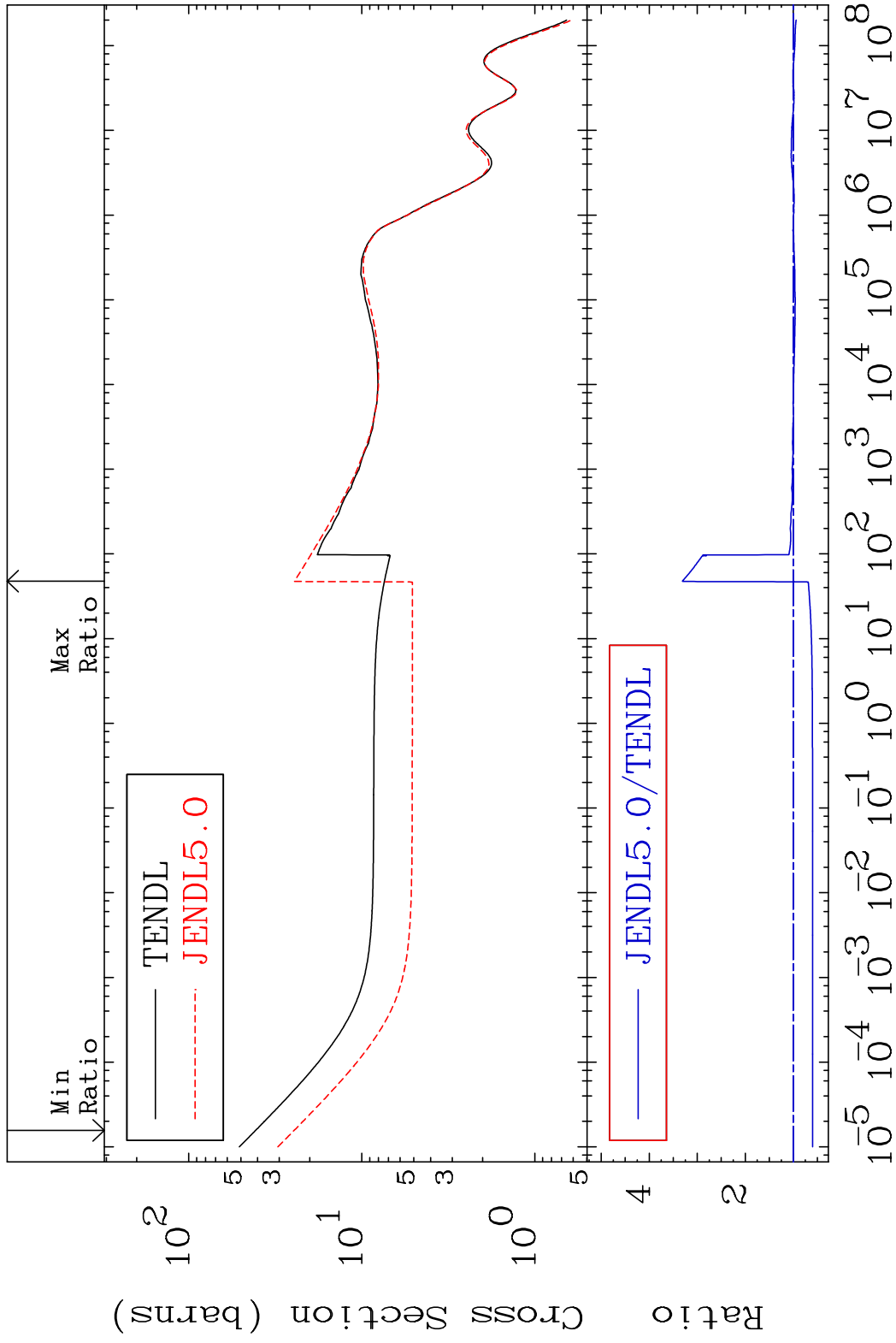


MAT 4126

Elastic

41-Nb-93m

Cross Section -40.15 To 231.0 %



41-Nb-93m

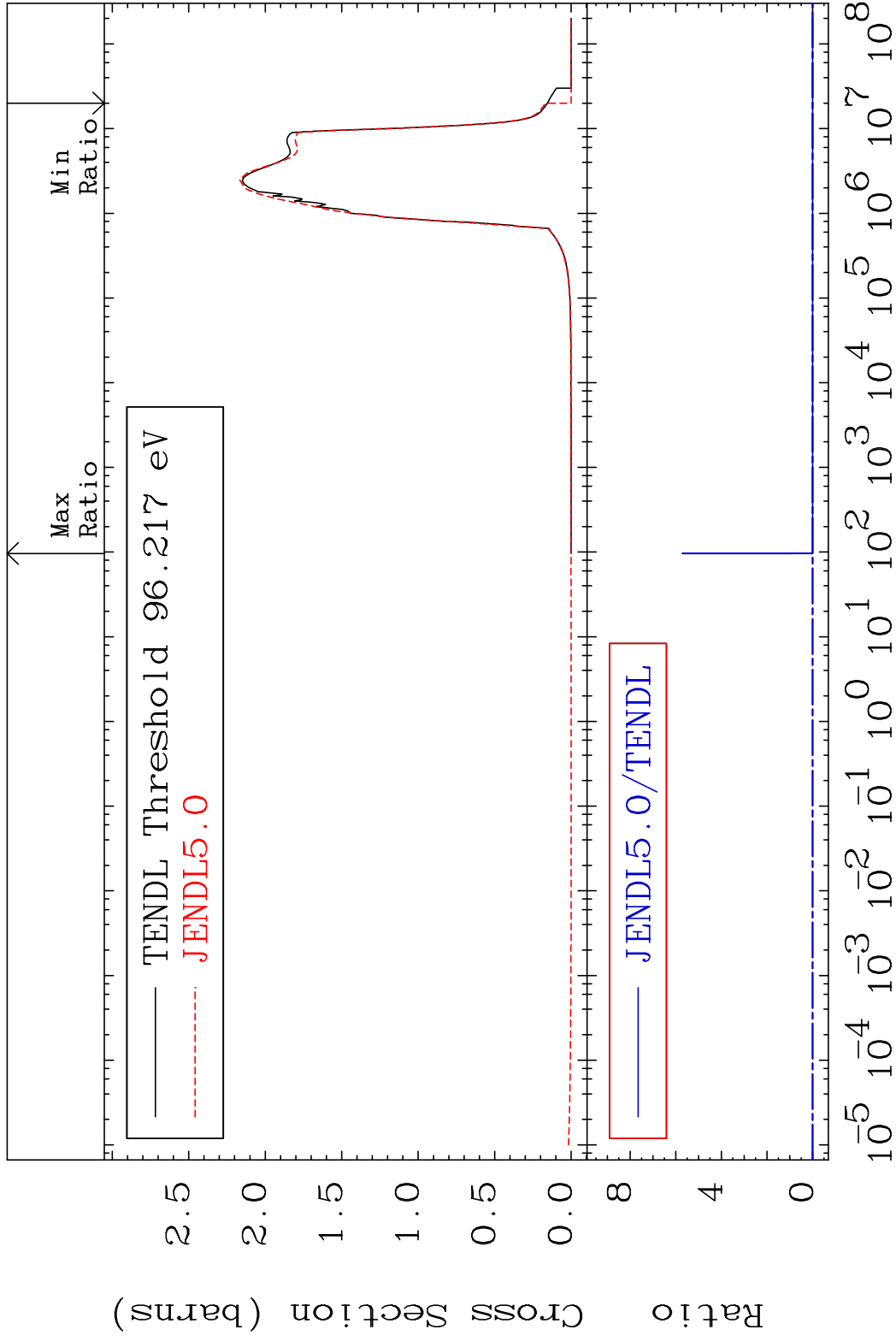
MAT 4126

Inelastic

41-Nb-93m

Cross Section

-100.0 To 9999. %

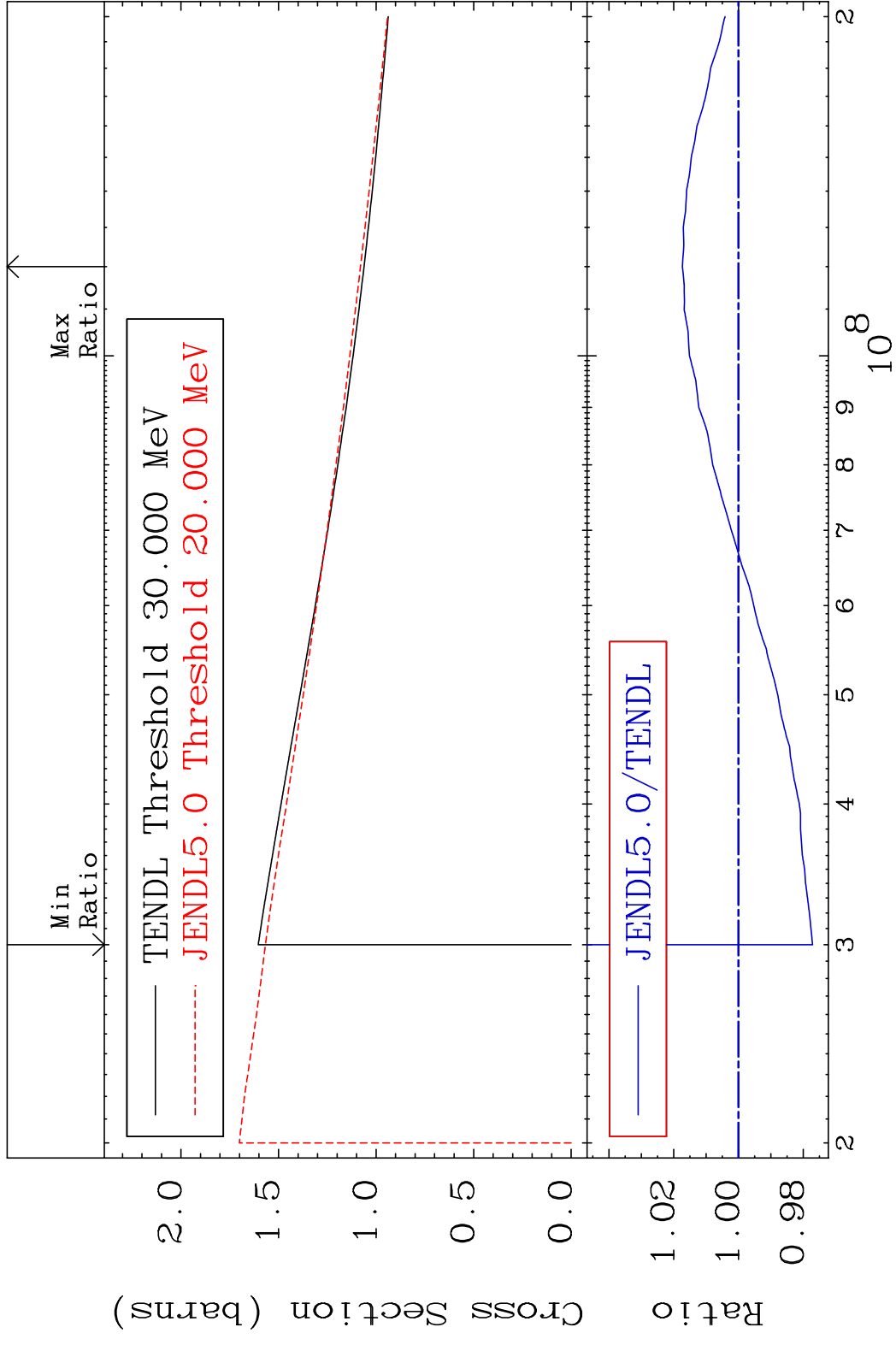


3

Incident Energy (eV)

41-Nb-93m

MAT 4126 (n, remainder) 41-Nb-93m
 Cross Section -2.290 To 1.733 %



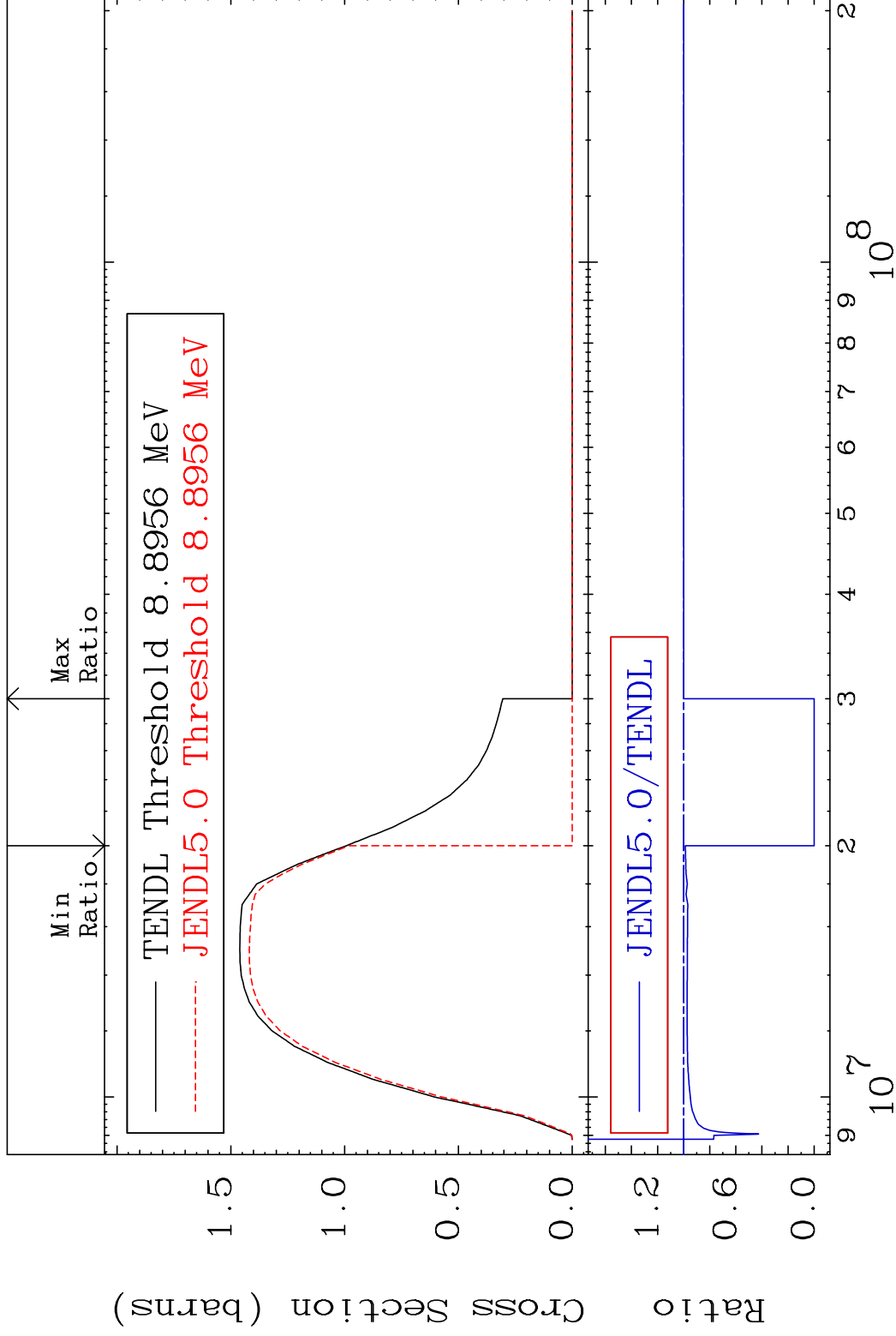
4 Incident Energy (eV) 41-Nb-93m

MAT 4126

(n,2n)

41-Nb-93m

Cross Section -100.0 To 0.000 %

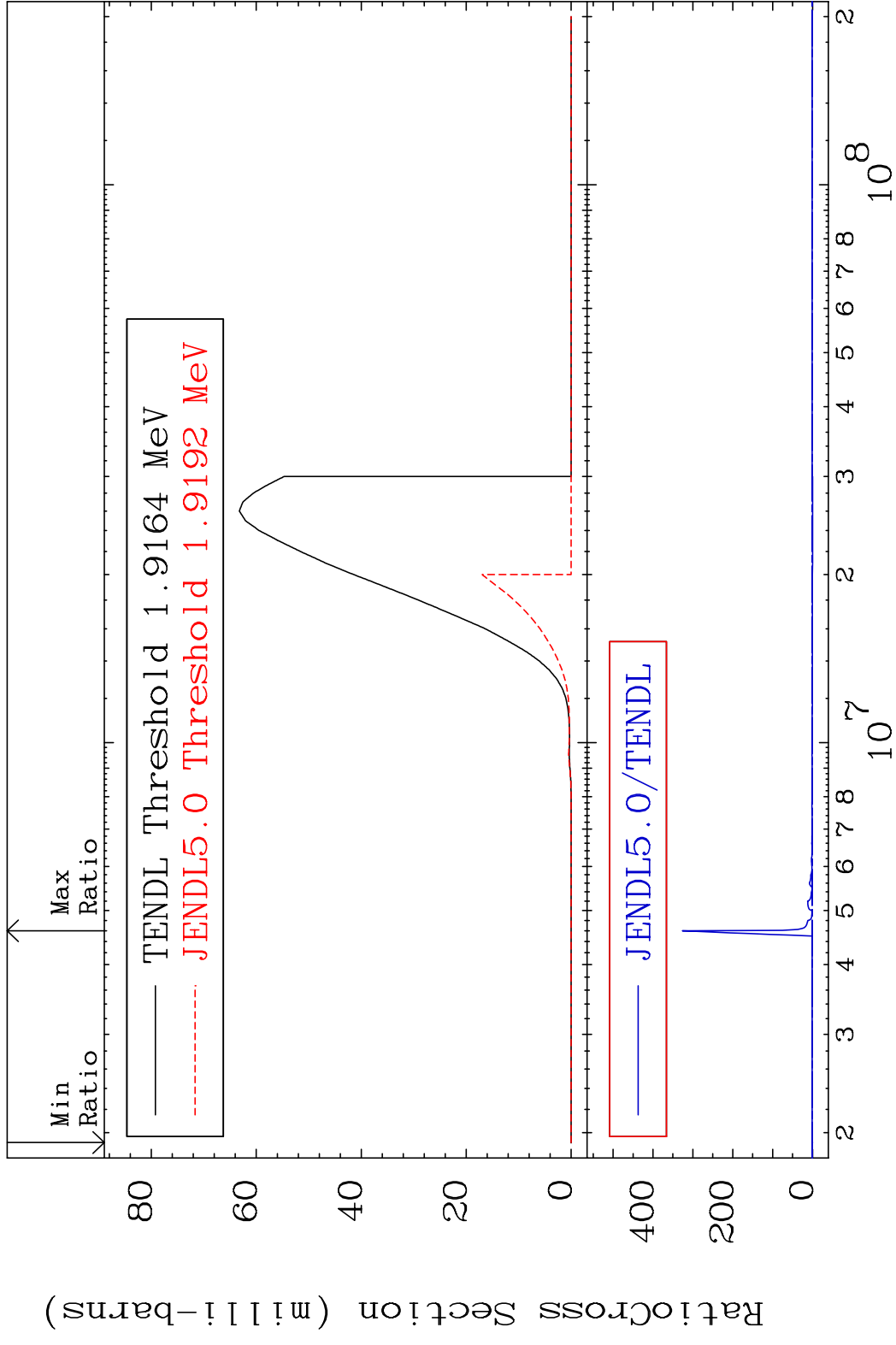


5

Incident Energy (eV)

41-Nb-93m

MAT 4126 (n, n') α 41-Nb-93m
 Cross Section -100.0 To 9999. %

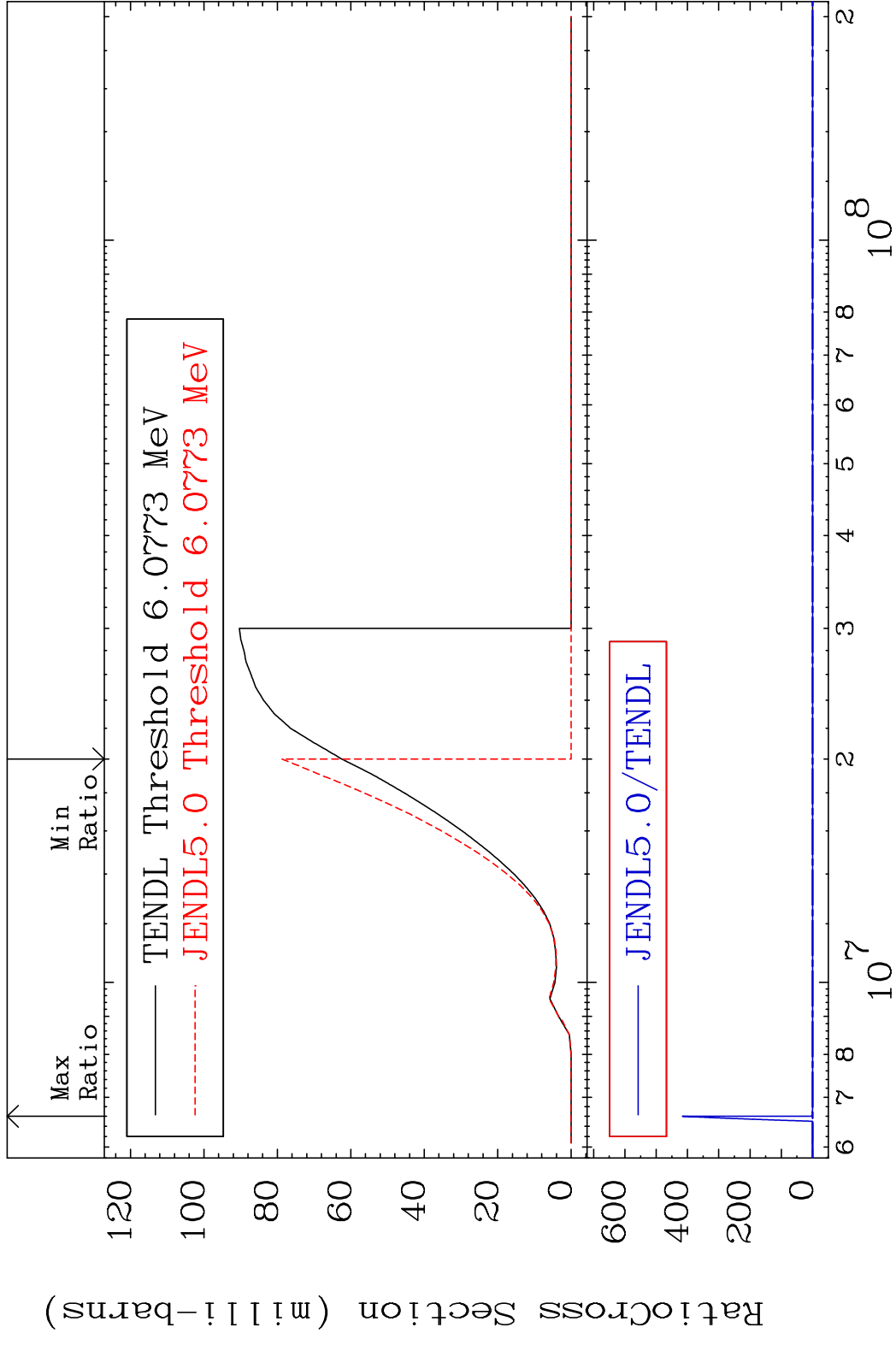


7 Incident Energy (eV) 41-Nb-93m

MAT 4126

(n, n') p 41-Nb-93m

Cross Section -100.0 To 9999. %

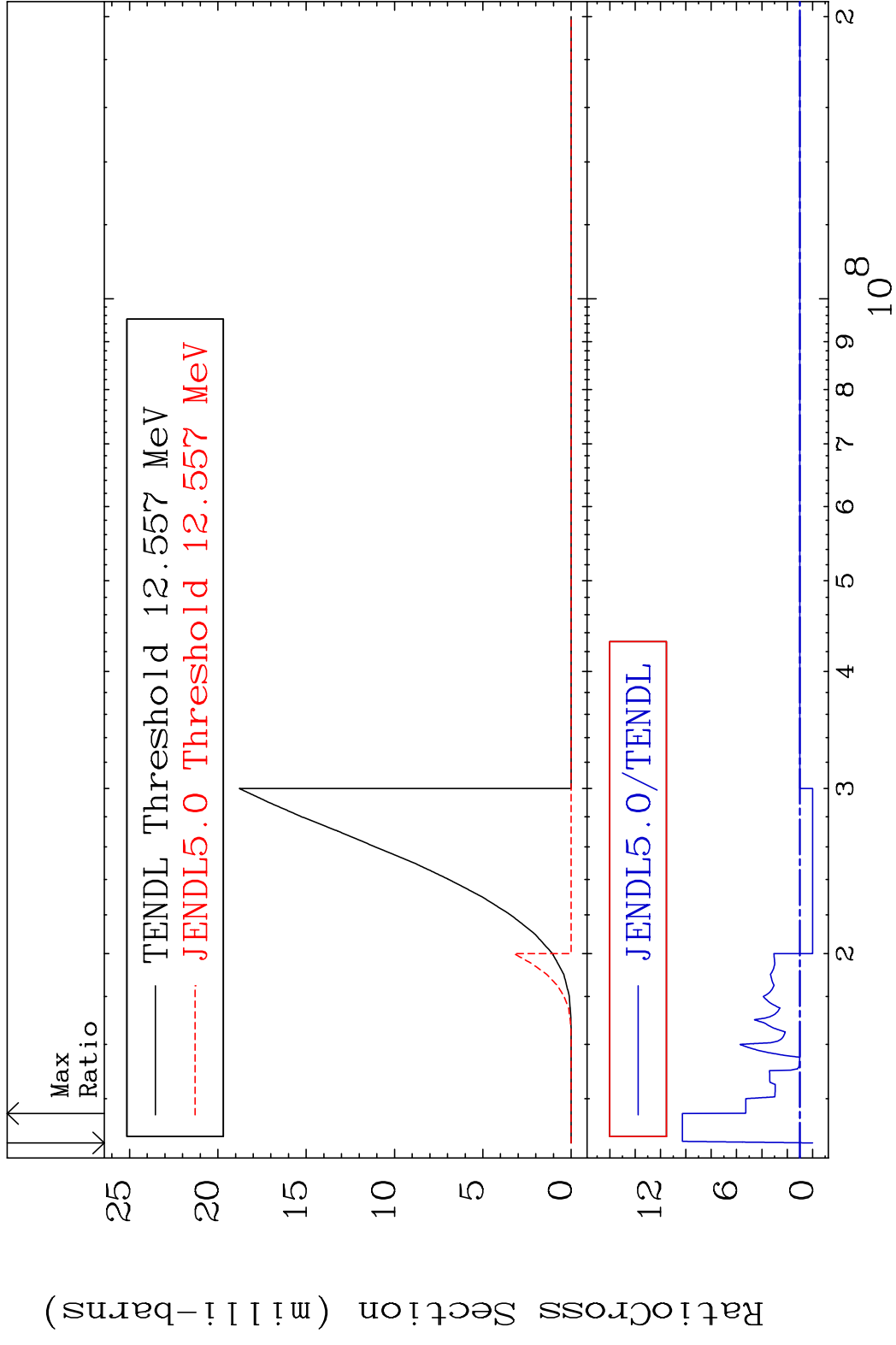


8

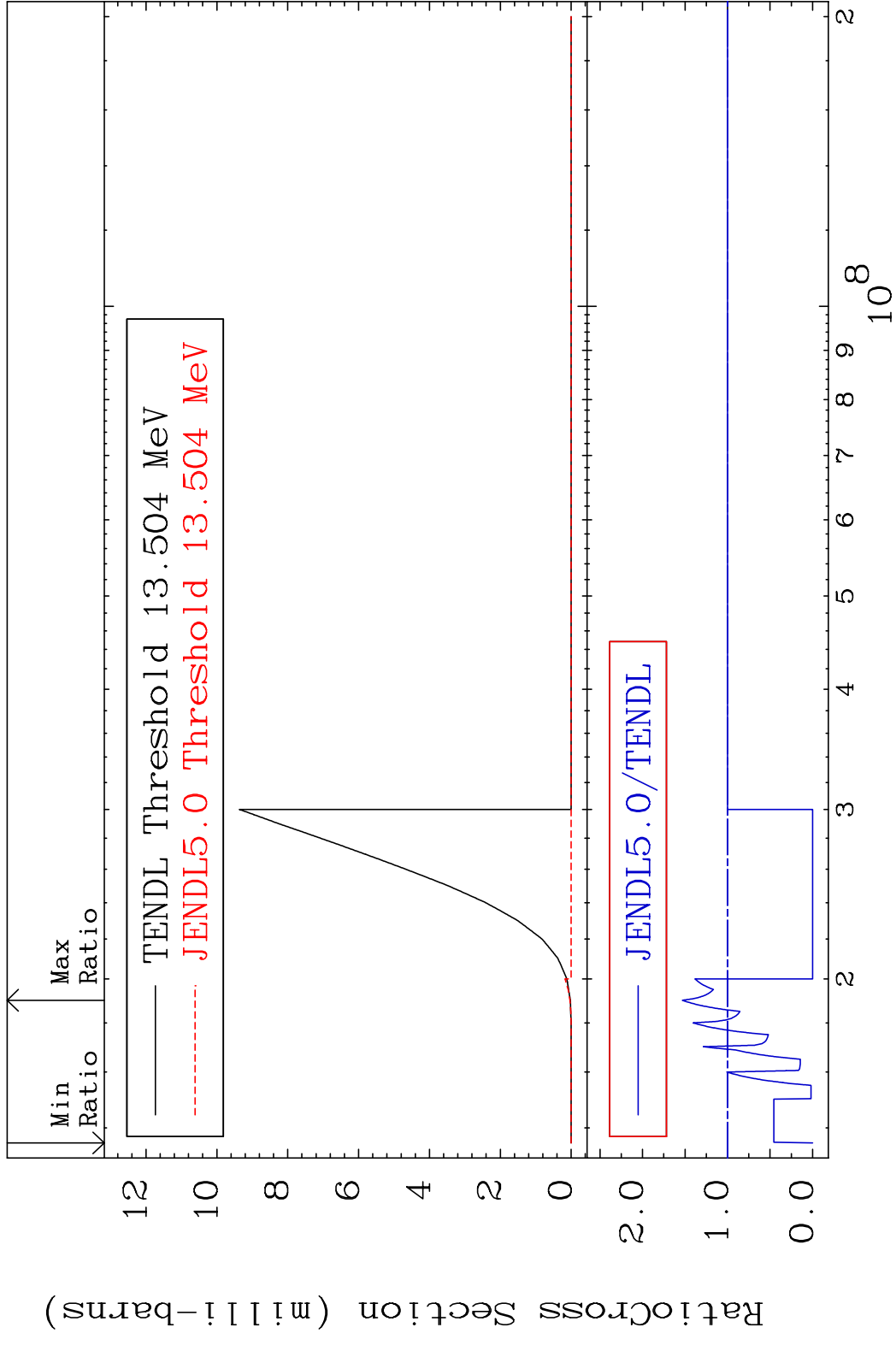
Incident Energy (eV)

41-Nb-93m

MAT 4126 (n, n') d 41-Nb-93m
 Cross Section -100.0 To 927.5 %

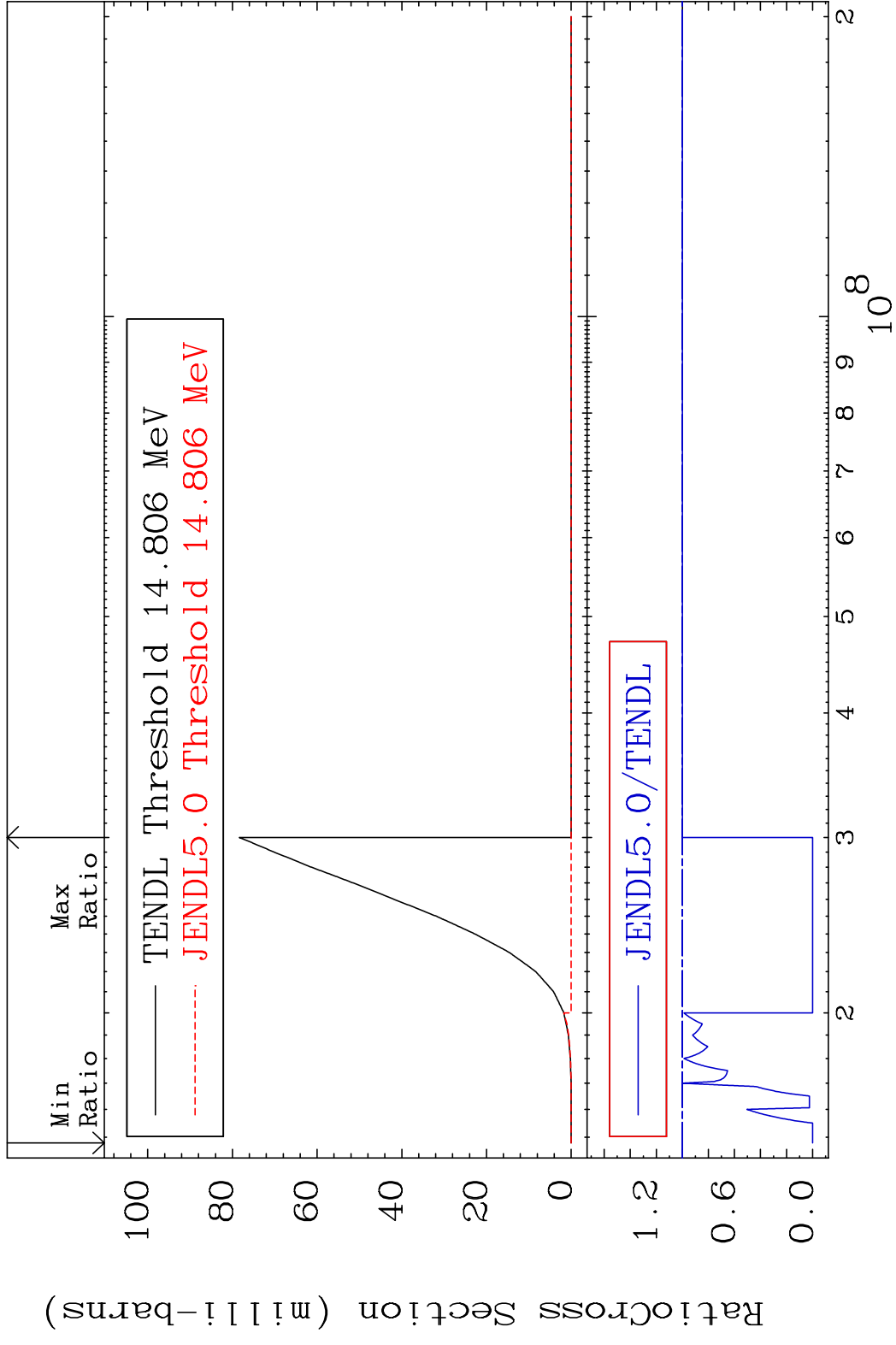


MAT 4126 (n, n') t 41-Nb-93m
 Cross Section -100.0 To 53.15 %

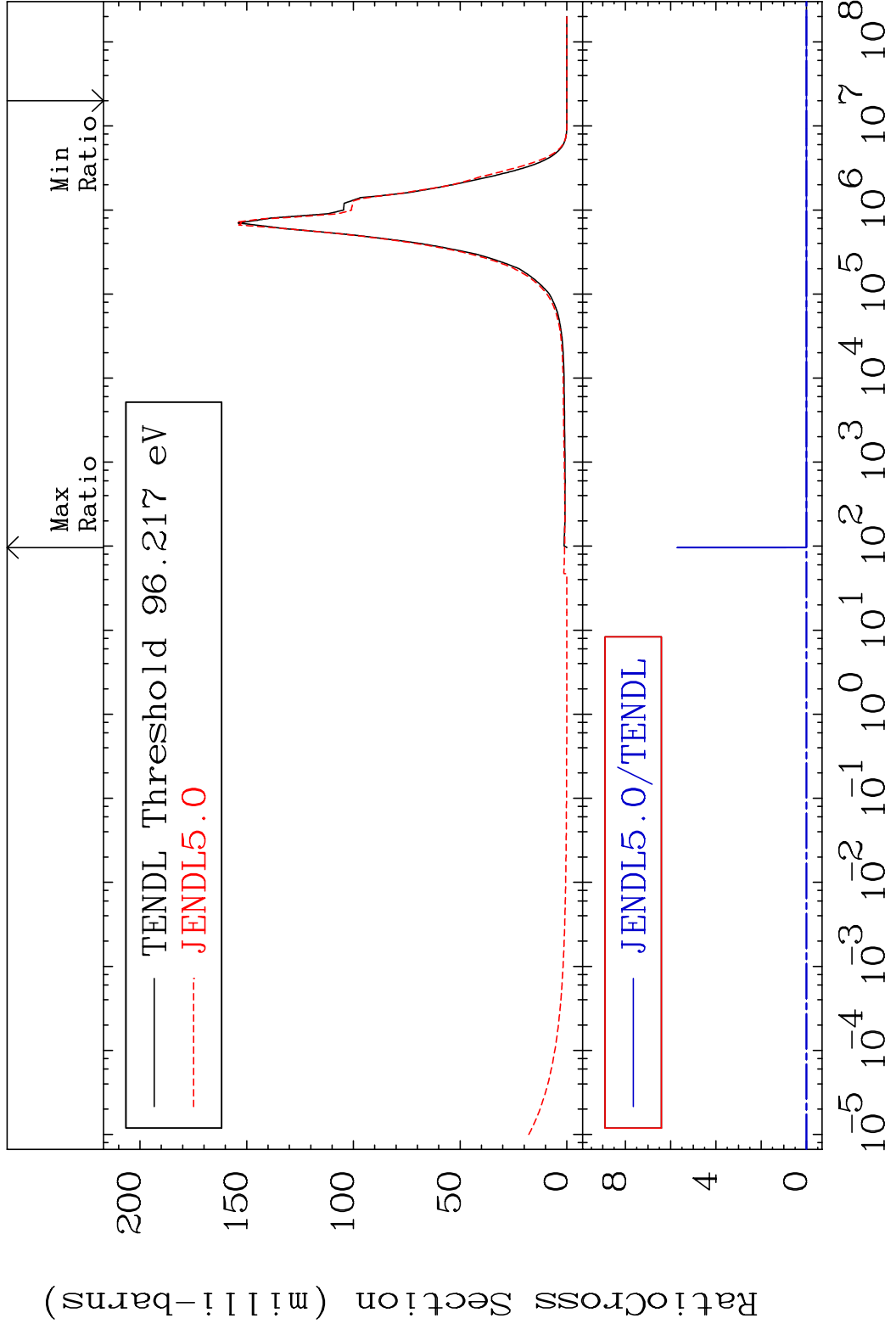


10 Incident Energy (eV) 41-Nb-93m

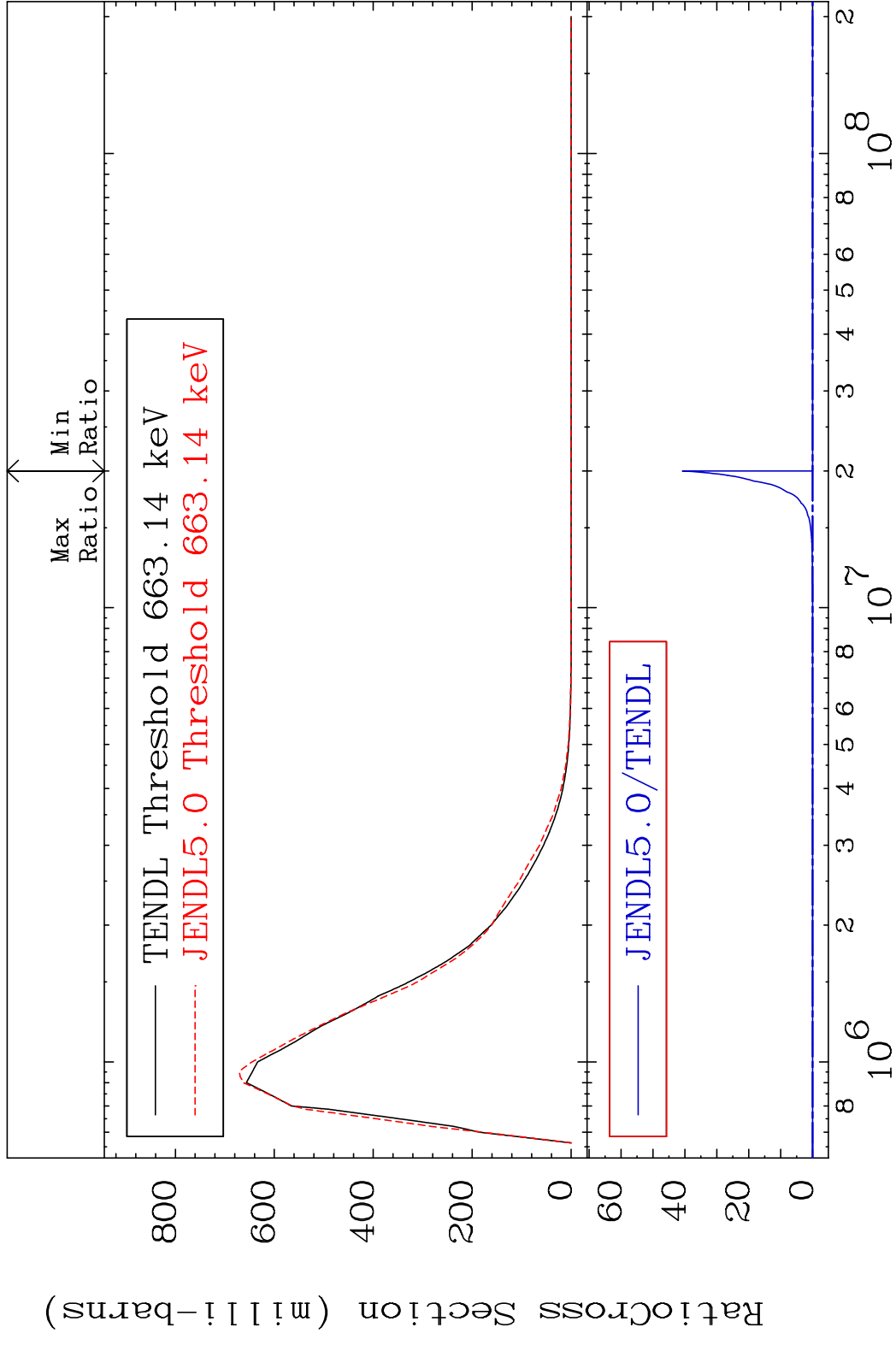
MAT 4126 (n,2n) p 41-Nb-93m
 Cross Section -100.0 To 0.000 %



MAT 4126 MT= 51 (n, n') Level 41-Nb-93m
 Cross Section -100.0 To 9999. %

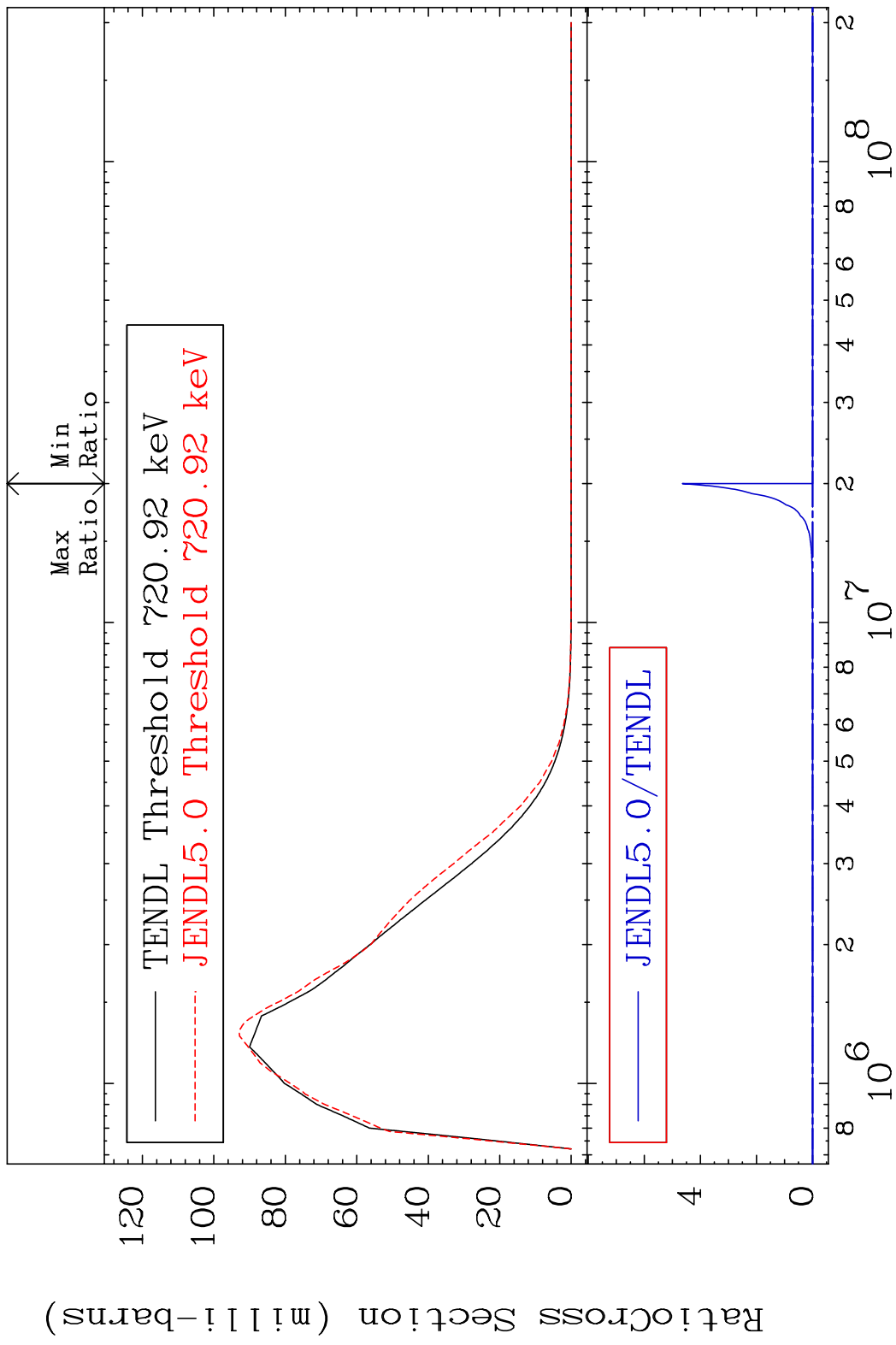


MAT 4126 MT= 52 (n, n') Level 41-Nb-93m
 Cross Section -100.0 To 9999. %



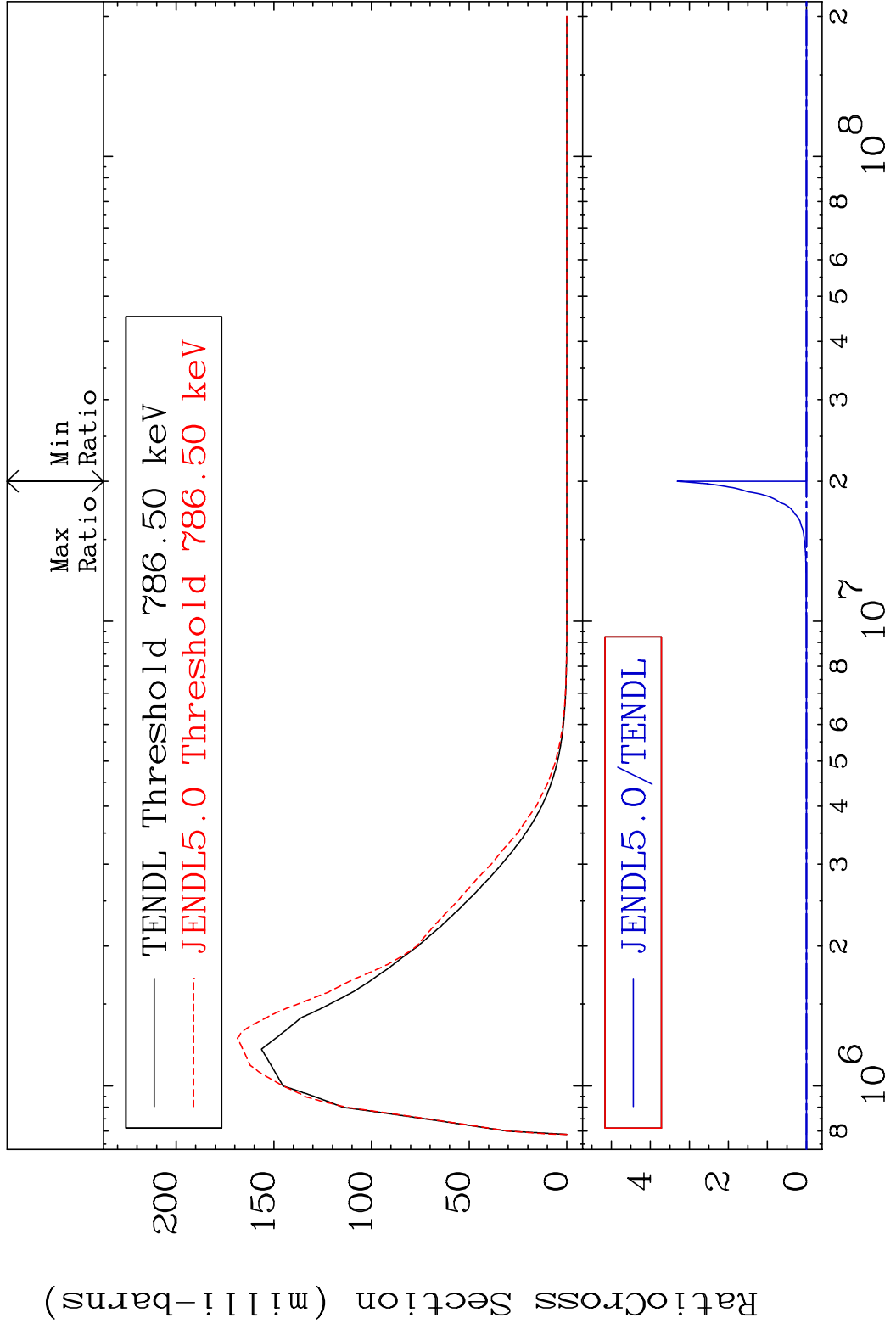
13 Incident Energy (eV) 41-Nb-93m

MAT 4126 MT= 53 (n, n') Level 41-Nb-93m
 Cross Section -100.0 To 9999. %



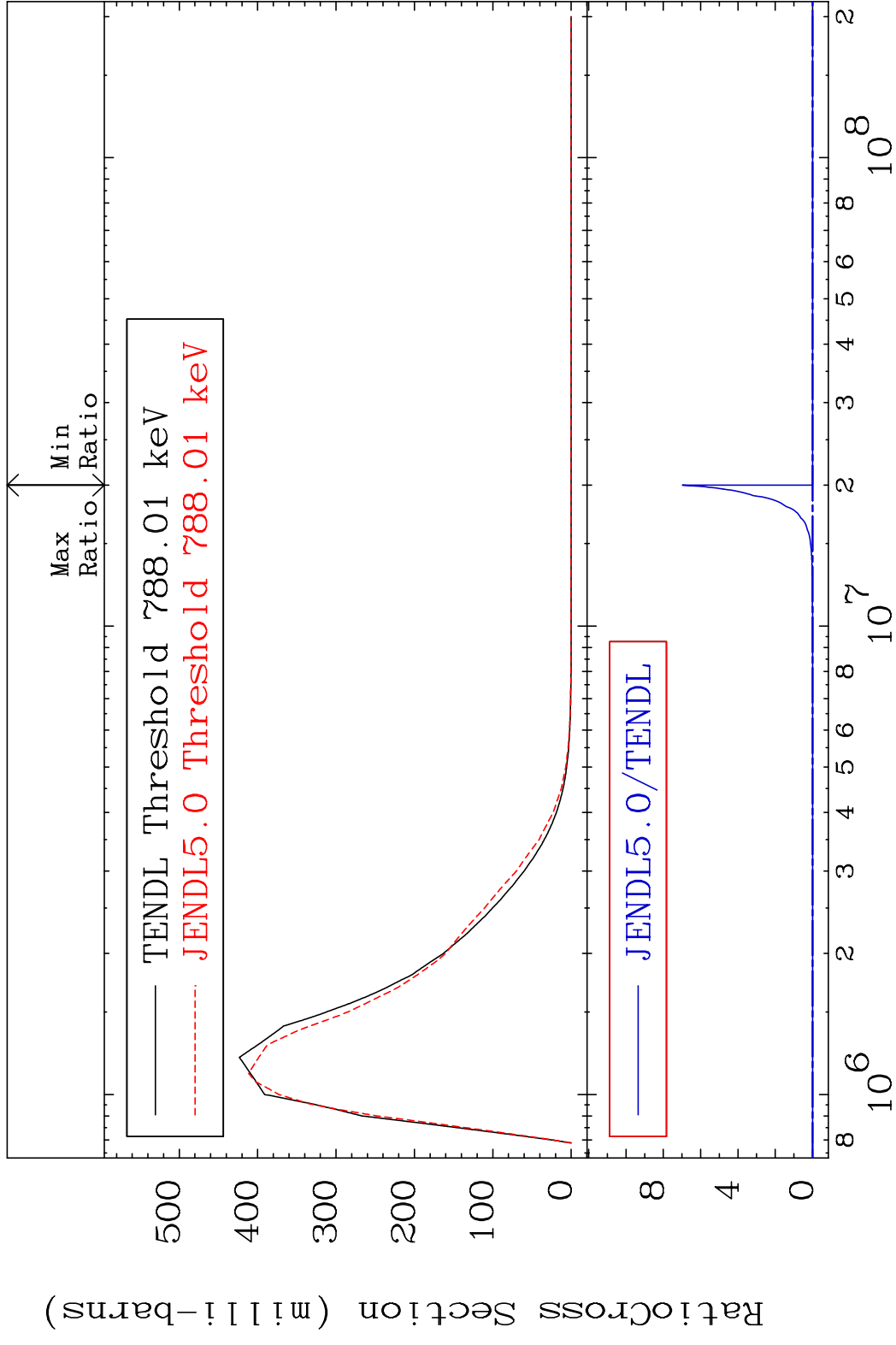
14 Incident Energy (eV) 41-Nb-93m

MAT 4126 MT= 54 (n, n') Level 41-Nb-93m
 Cross Section -100.0 To 9999. %



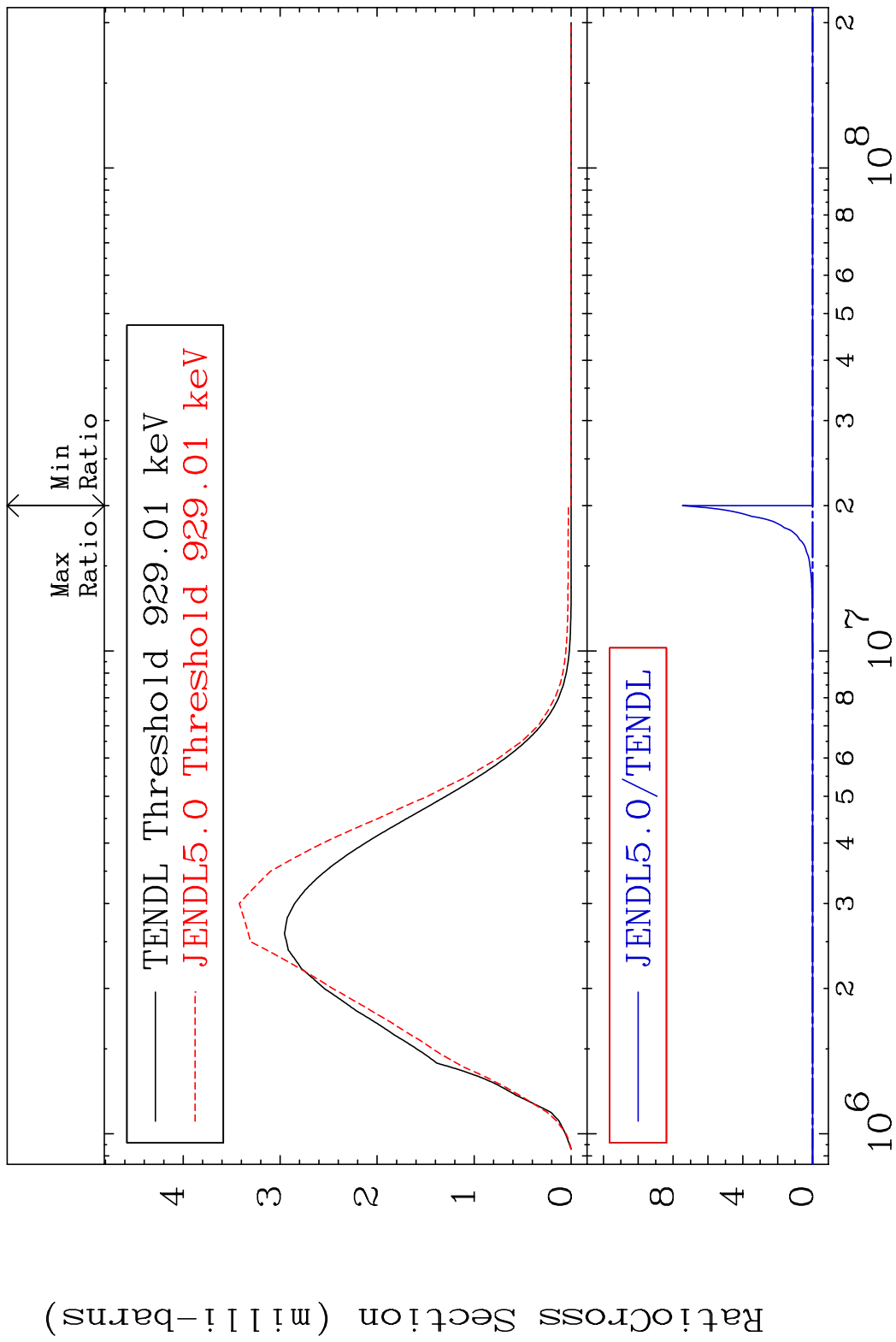
15 Incident Energy (eV) 41-Nb-93m

MAT 4126 MT= 55 (n, n') Level 41-Nb-93m
 Cross Section -100.0 To 9999. %



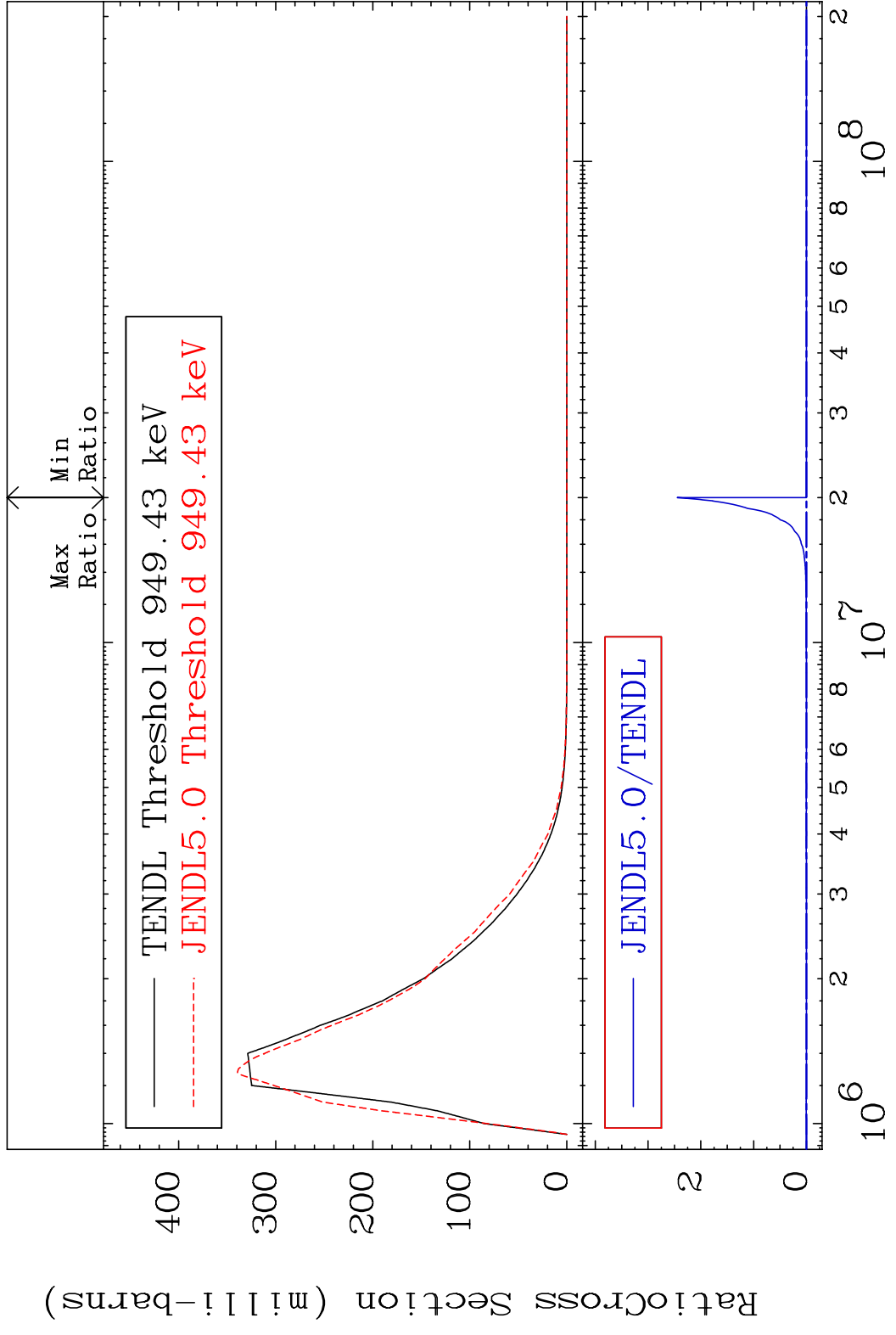
16 Incident Energy (eV) 41-Nb-93m

MAT 4126 MT= 56 (n, n') Level 41-Nb-93m
 Cross Section -100.0 To 9999. %



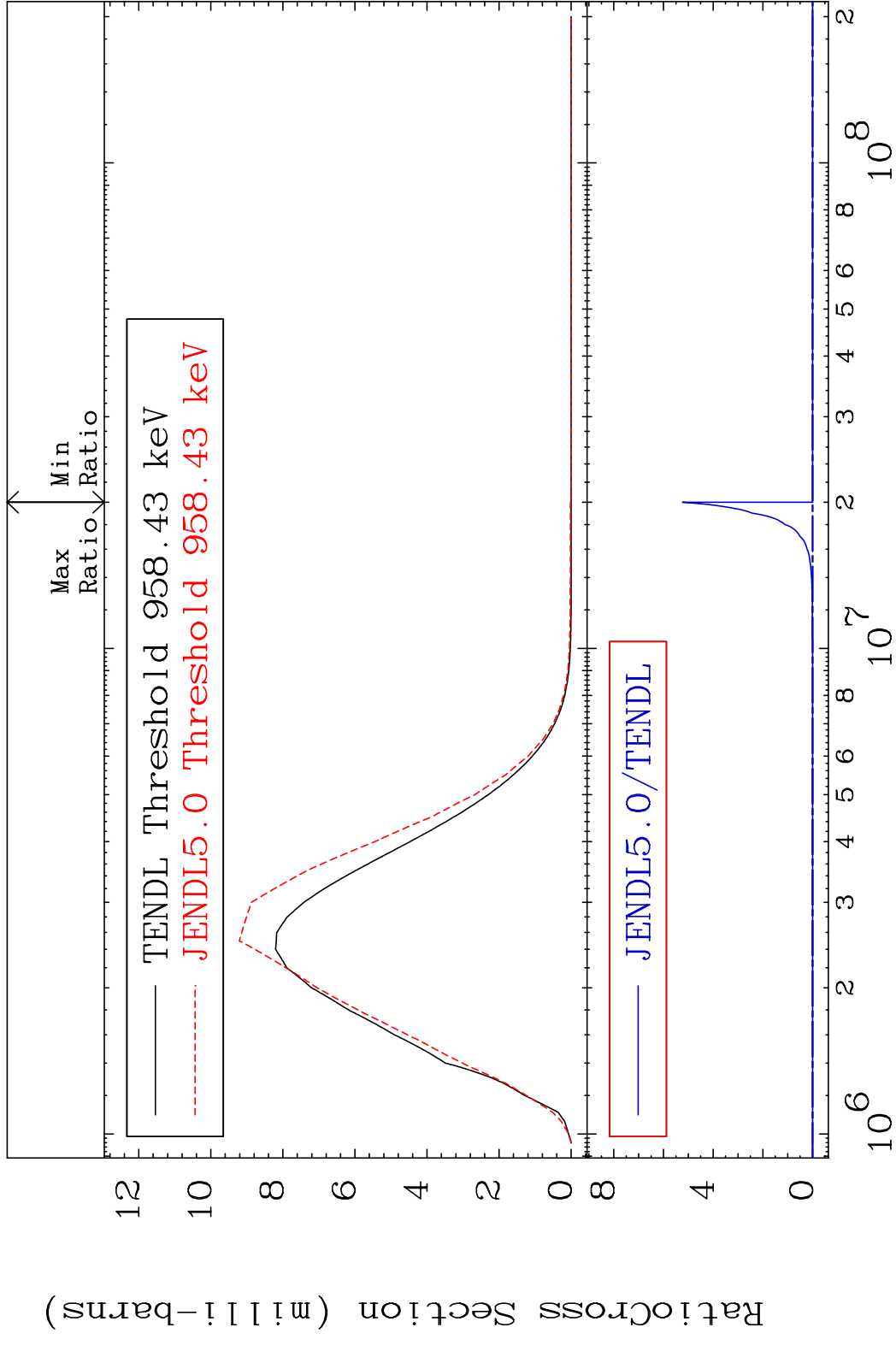
17 Incident Energy (eV) 41-Nb-93m

MAT 4126 MT= 57 (n, n') Level 41-Nb-93m
 Cross Section -100.0 To 9999. %

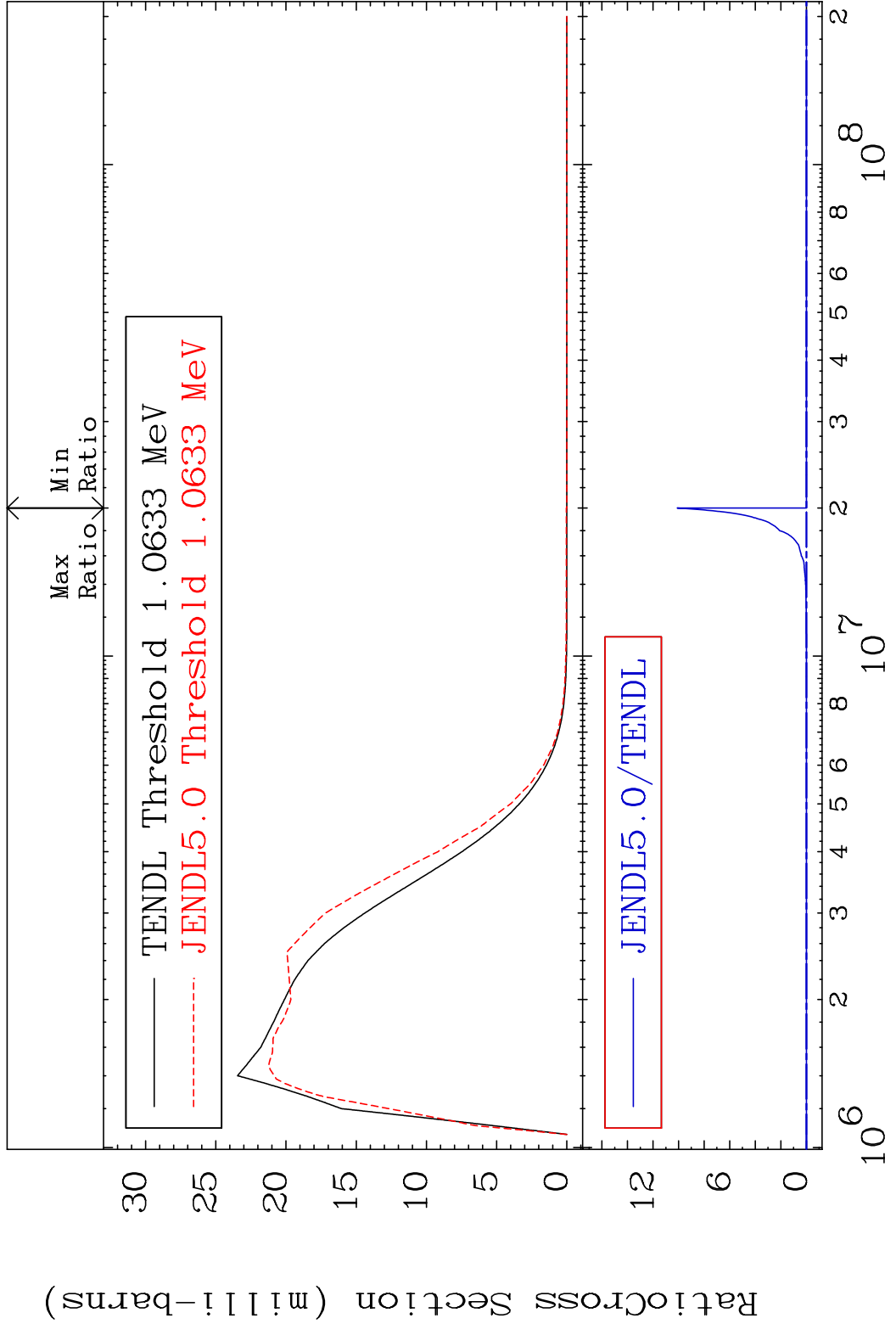


18 Incident Energy (eV) 41-Nb-93m

MAT 4126 MT= 58 (n, n') Level 41-Nb-93m
 Cross Section -100.0 To 9999. %

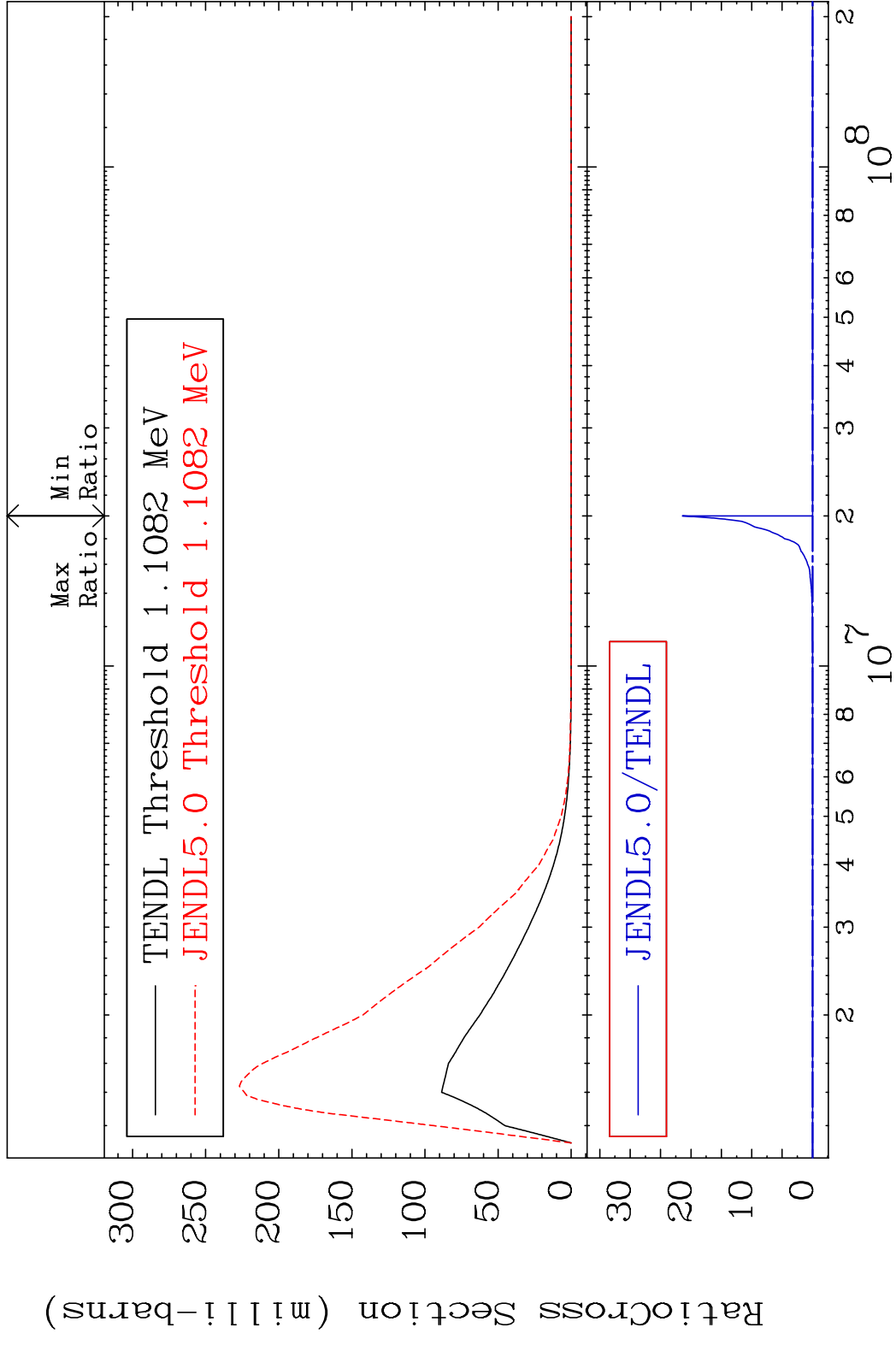


MAT 4126 MT= 59 (n, n') Level 41-Nb-93m
 Cross Section -100.0 To 9999. %

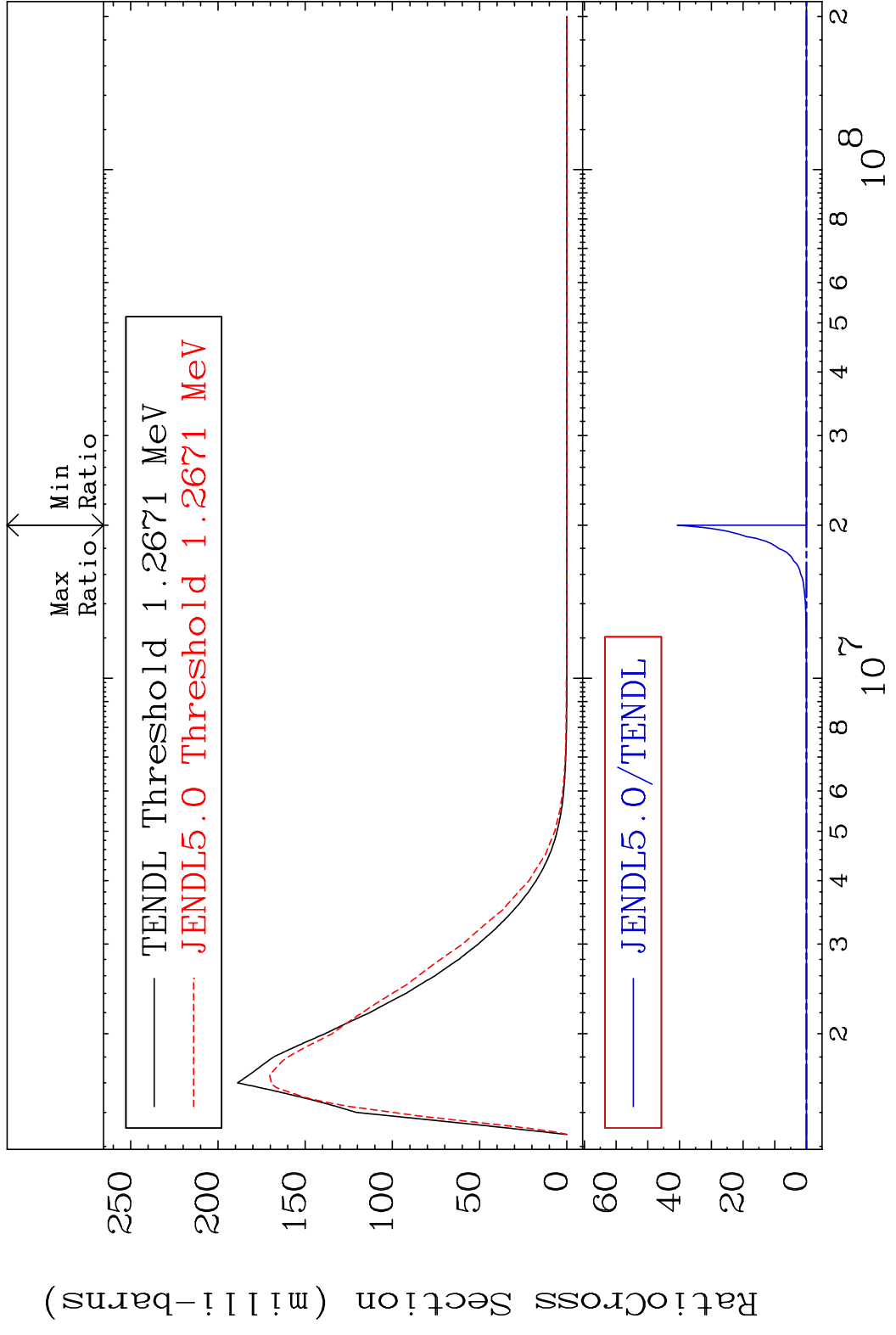


20 12 6 0 30 25 20 15 10 5 0 0 2 3 4 5 6 8 10⁶ 10⁷ 10⁸ 20 41-Nb-93m

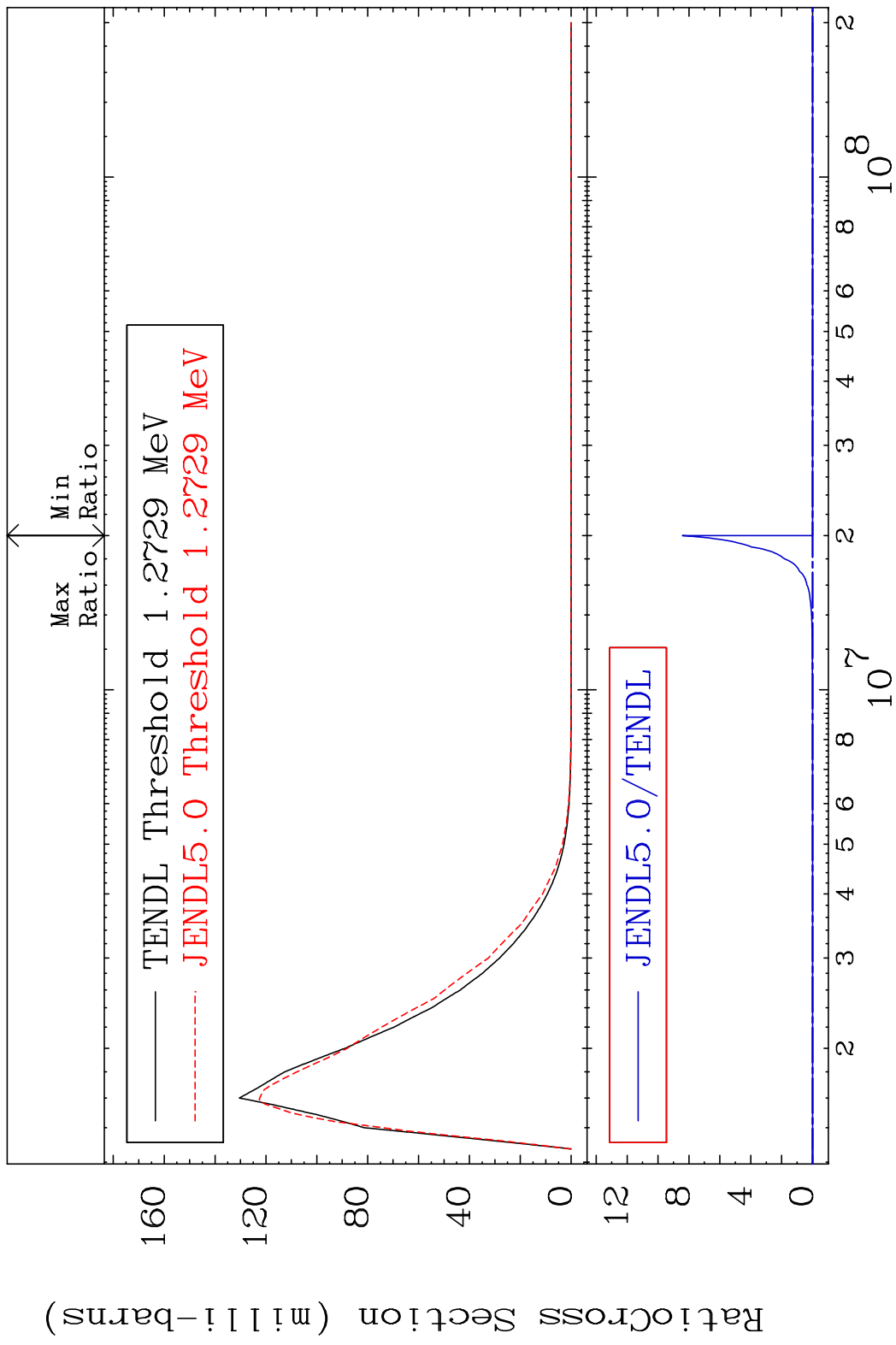
MAT 4126 MT= 60 (n, n') Level 41-Nb-93m
 Cross Section -100.0 To 9999. %



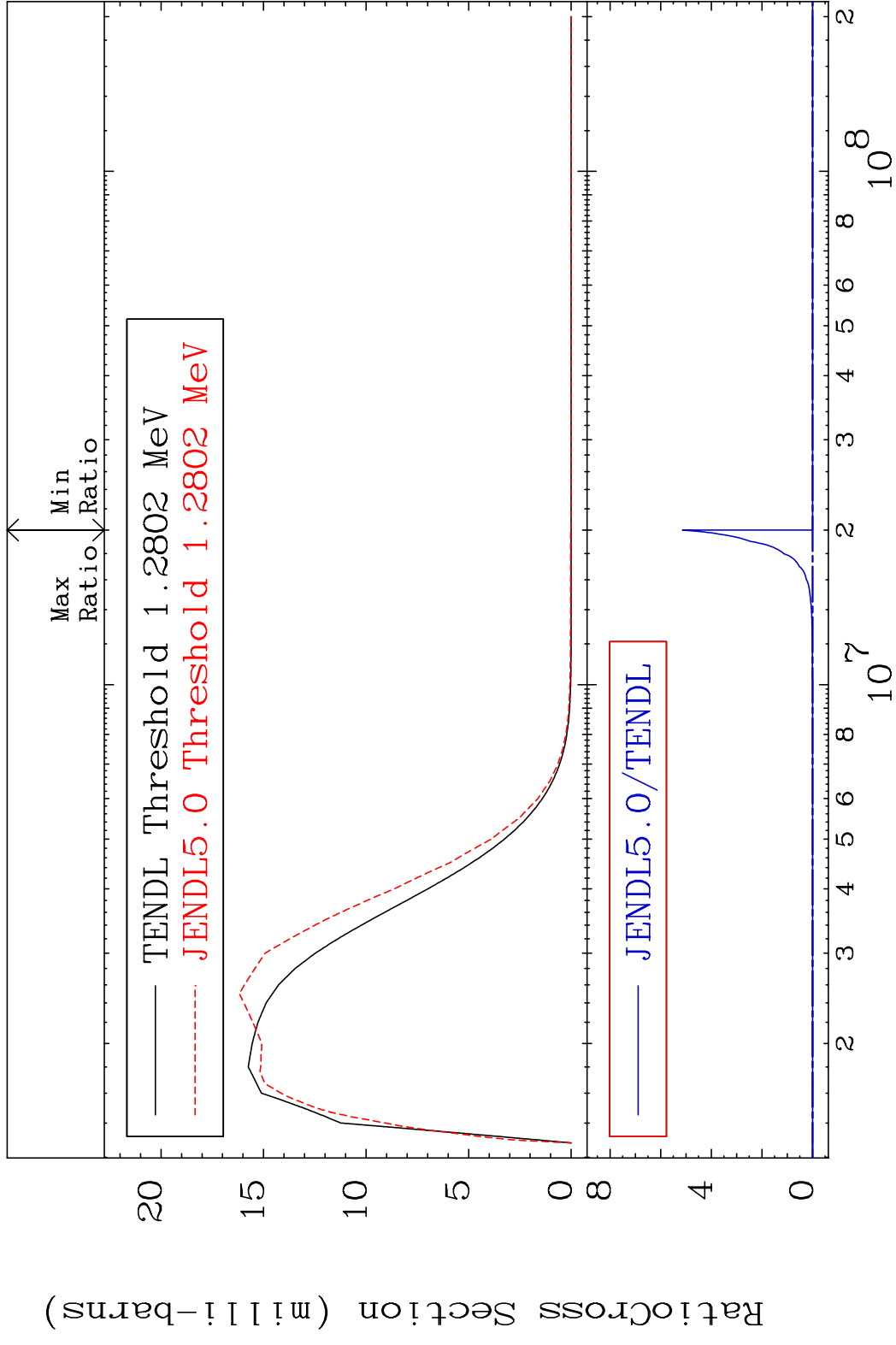
MAT 4126 MT= 61 (n, n') Level 41-Nb-93m
 Cross Section -100.0 To 9999. %



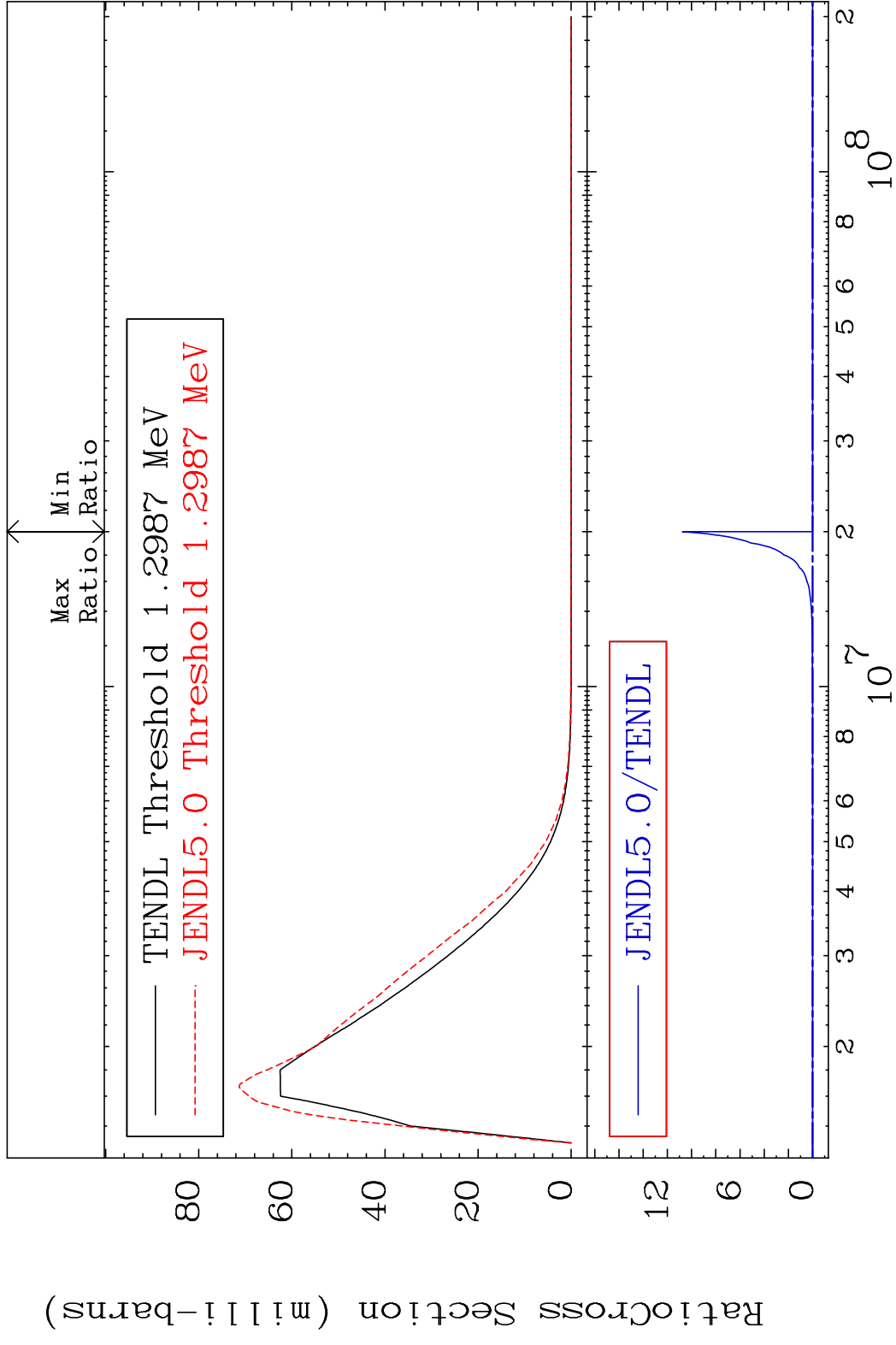
MAT 4126 MT= 62 (n, n') Level 41-Nb-93m
 Cross Section -100.0 To 9999. %



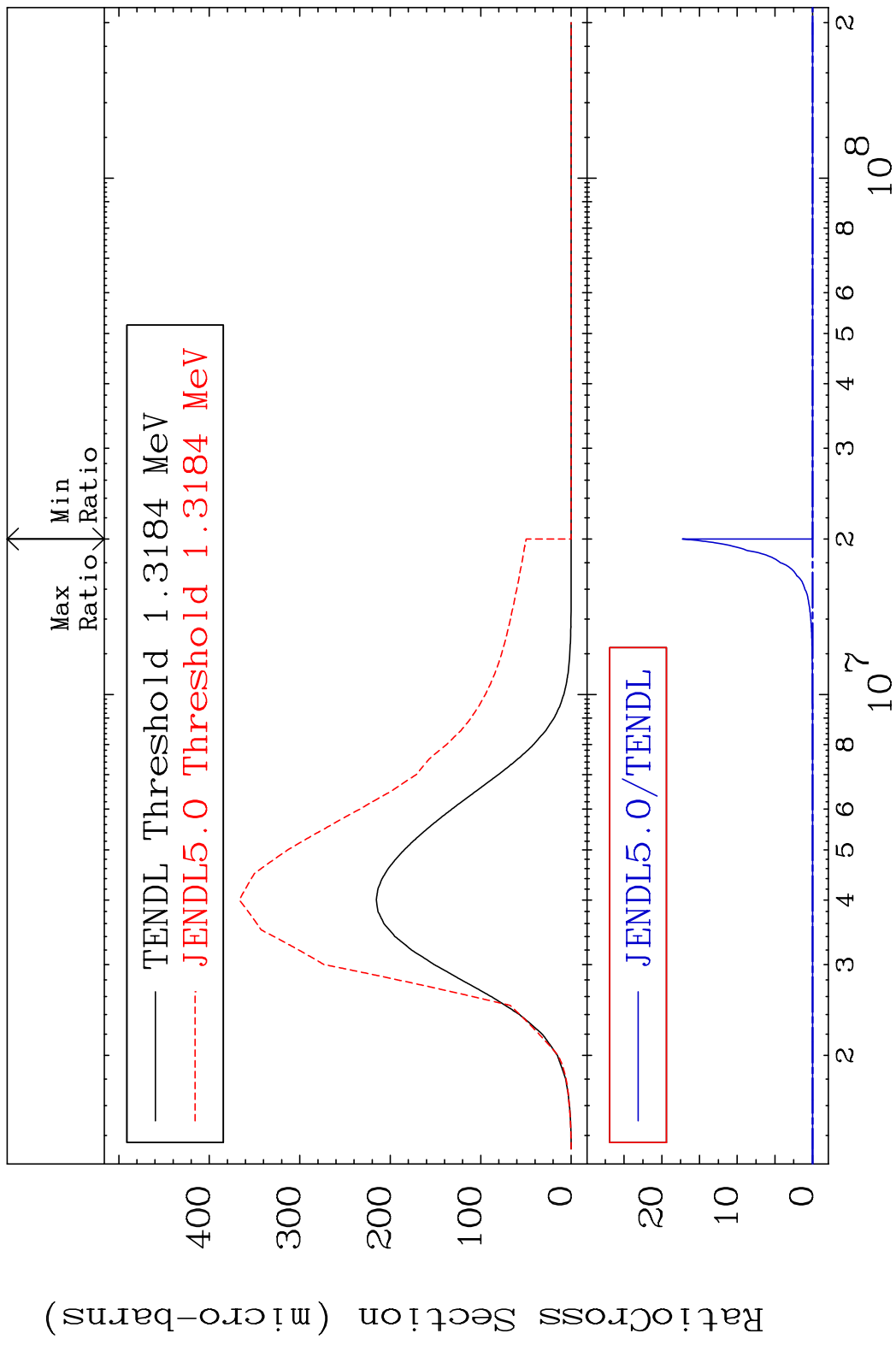
MAT 4126 MT= 63 (n, n') Level 41-Nb-93m
 Cross Section -100.0 To 9999. %



MAT 4126 MT= 64 (n, n') Level 41-Nb-93m
 Cross Section -100.0 To 9999. %

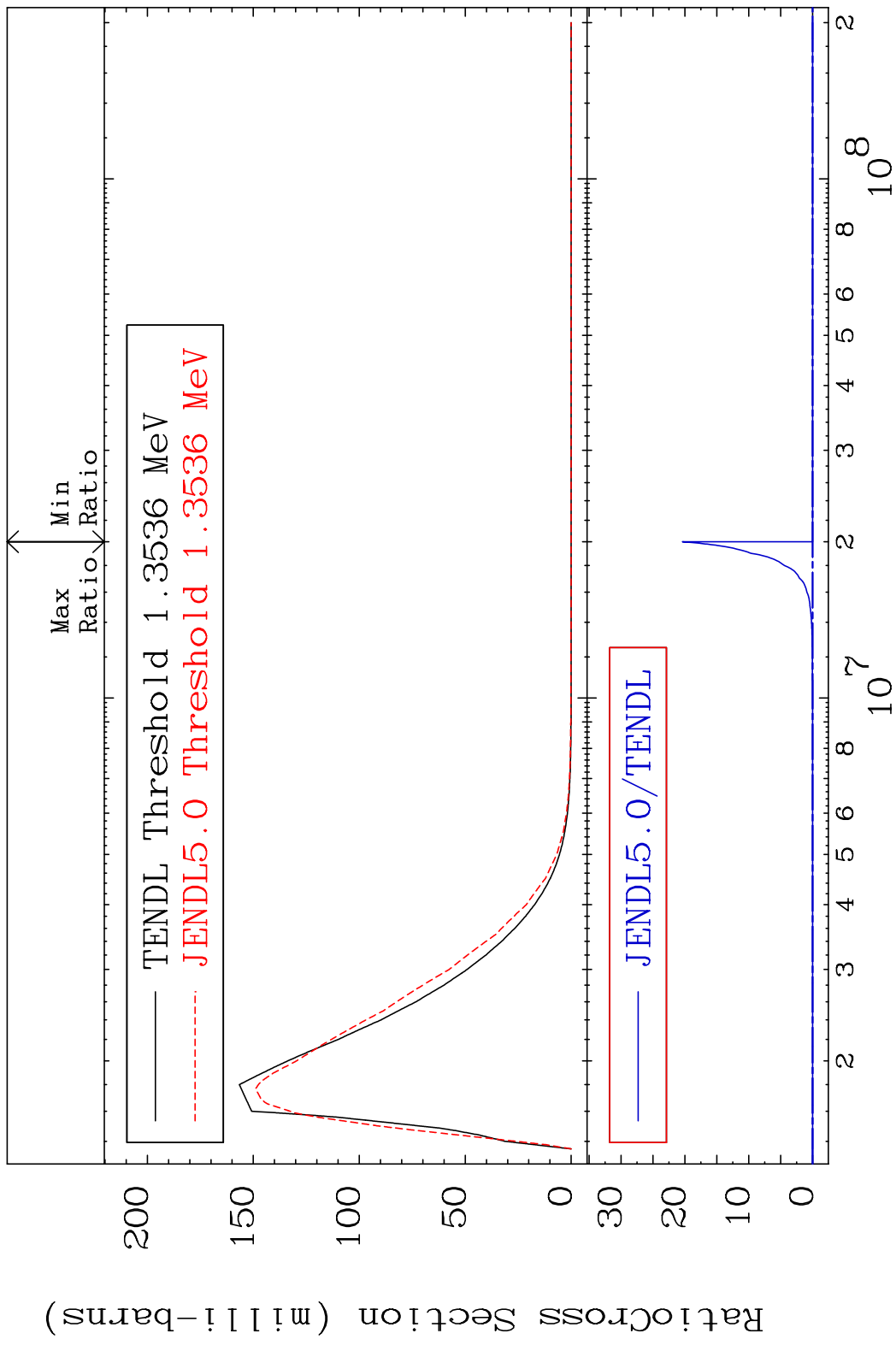


MAT 4126 MT= 65 (n, n') Level 41-Nb-93m
 Cross Section -100.0 To 9999. %

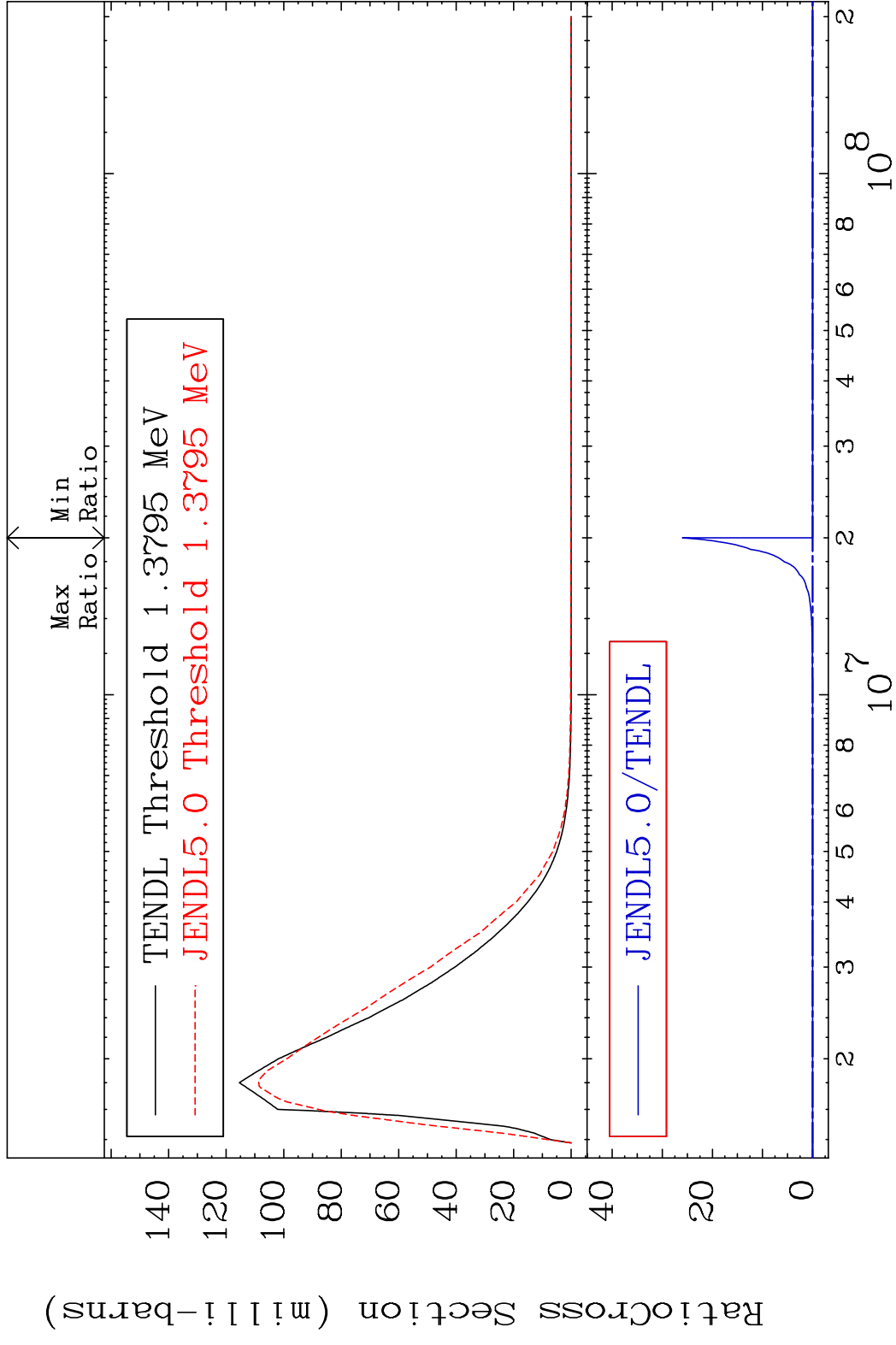


26 Incident Energy (eV) 41-Nb-93m

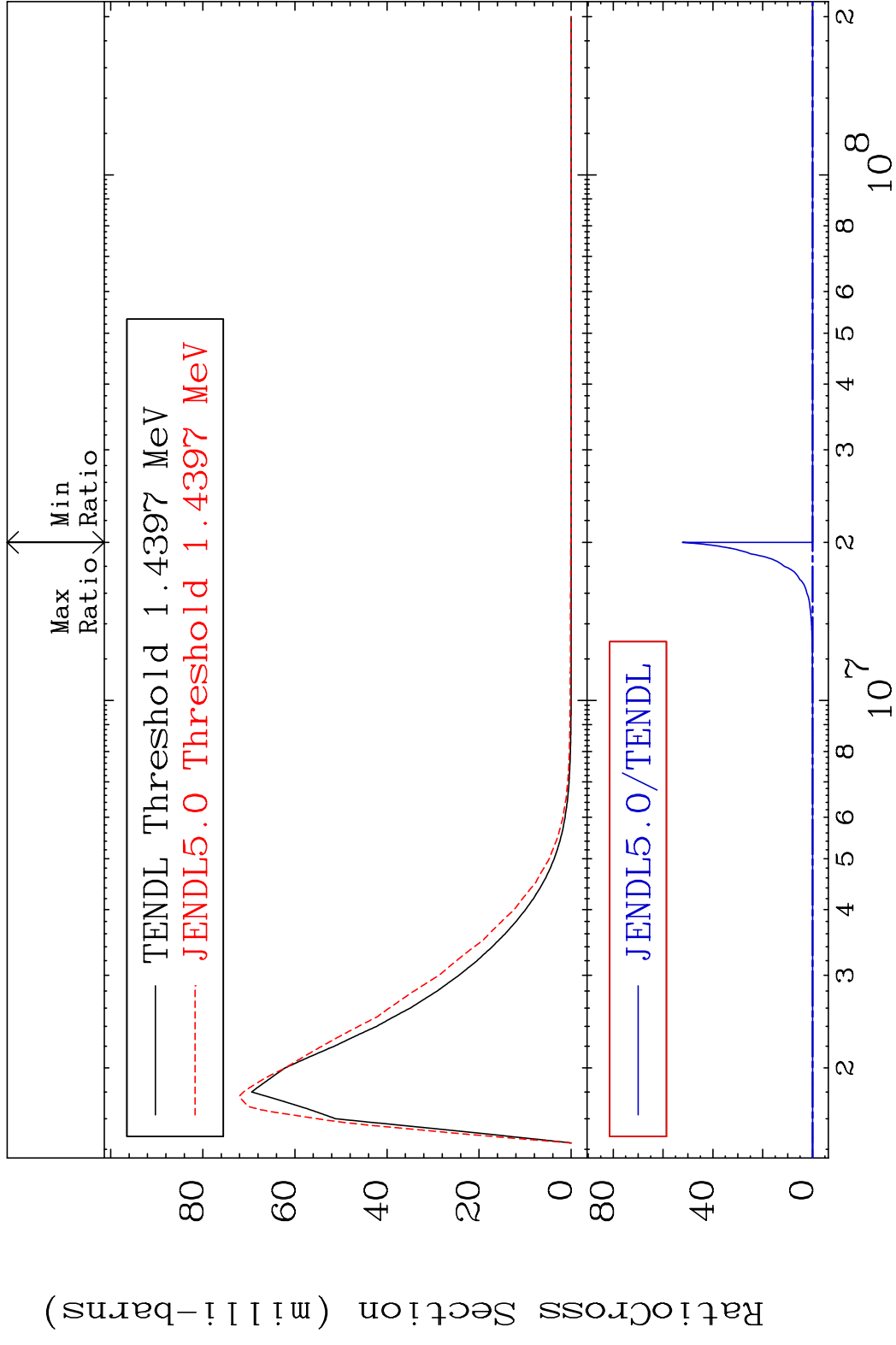
MAT 4126 MT= 66 (n, n') Level 41-Nb-93m
 Cross Section -100.0 To 9999. %



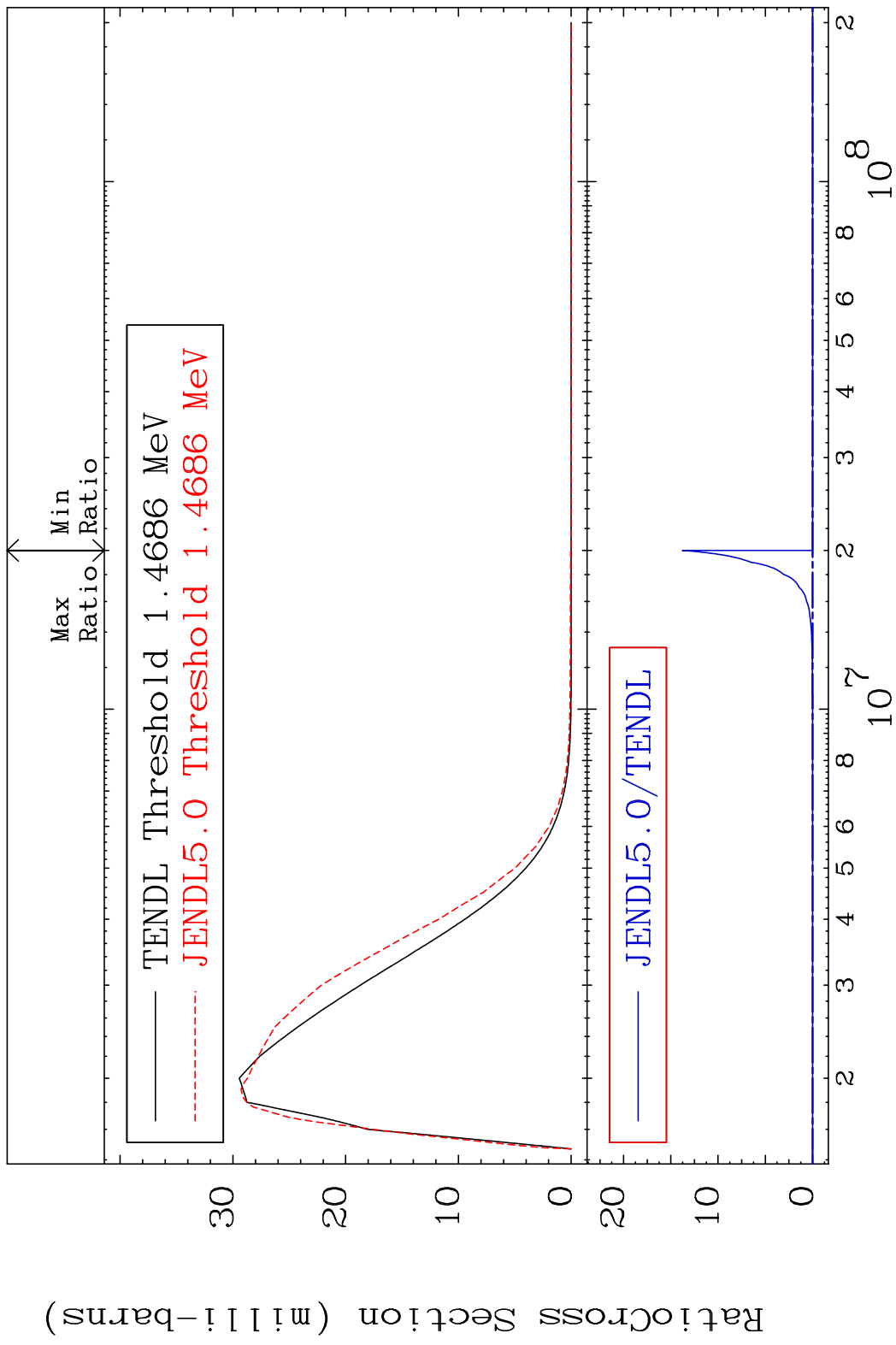
MAT 4126 MT= 67 (n, n') Level 41-Nb-93m
 Cross Section -100.0 To 9999. %



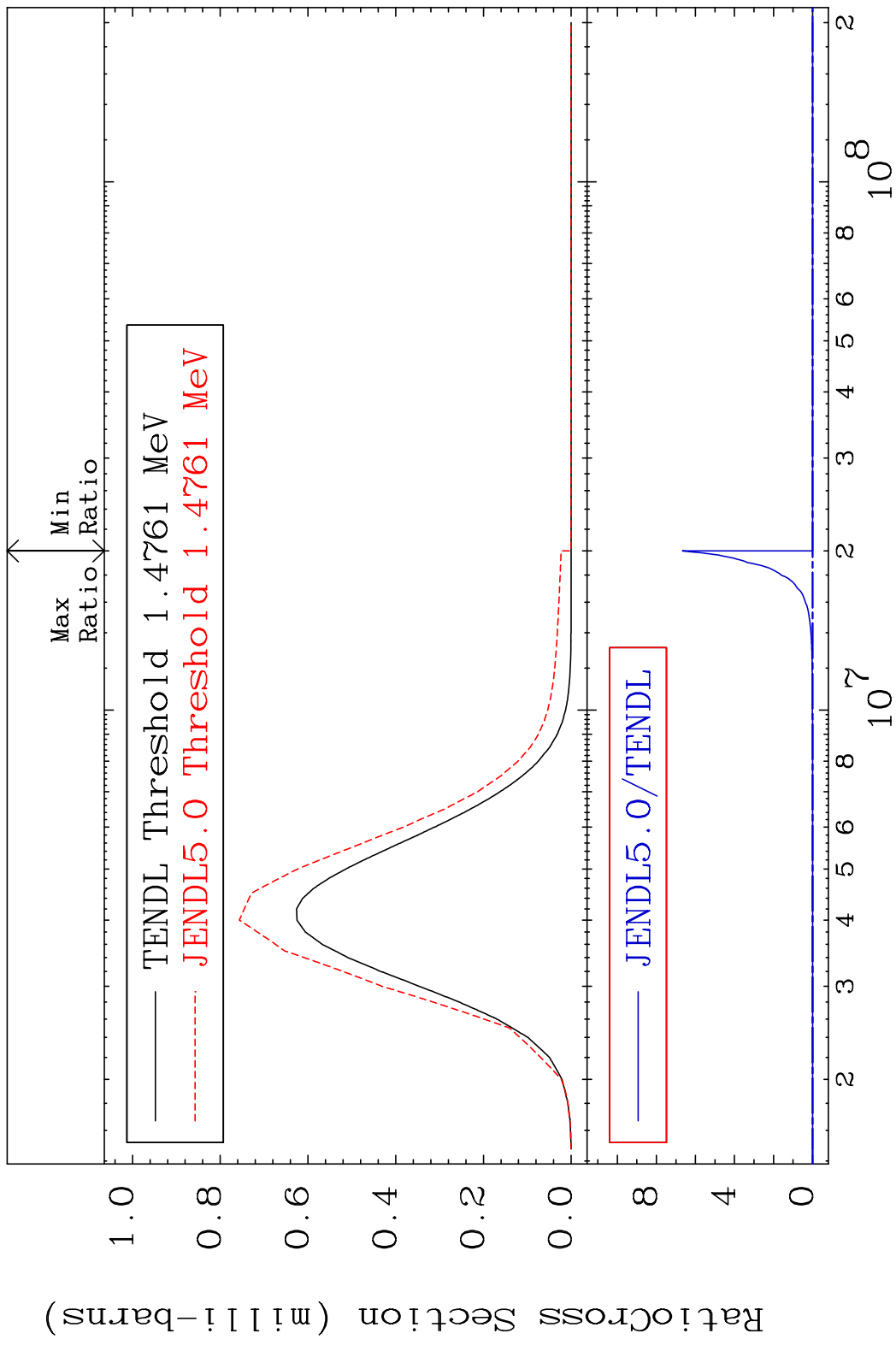
MAT 4126 MT= 68 (n, n') Level 41-Nb-93m
 Cross Section -100.0 To 9999. %



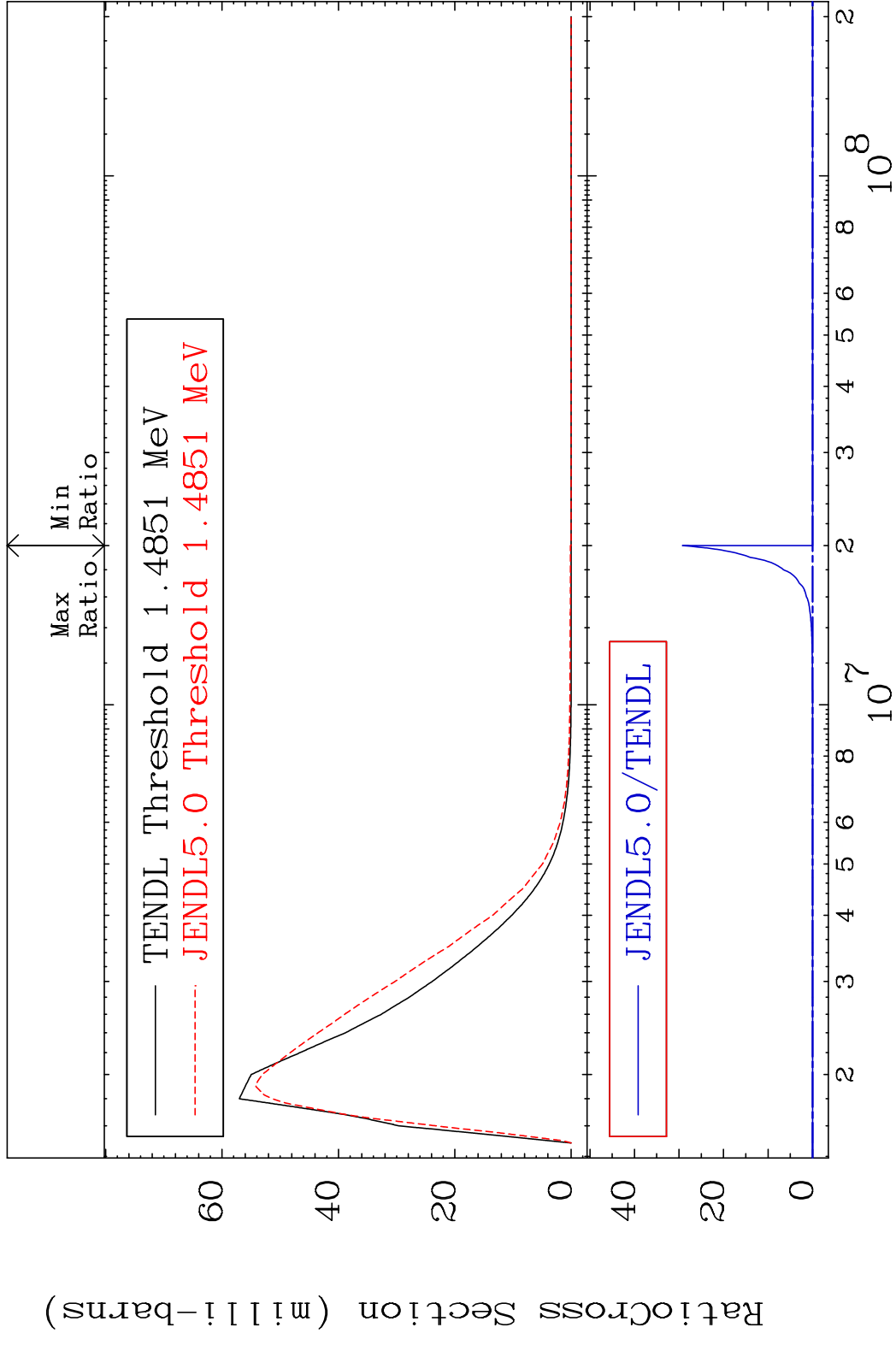
MAT 4126 MT= 69 (n, n') Level 41-Nb-93m
 Cross Section -100.0 To 9999. %



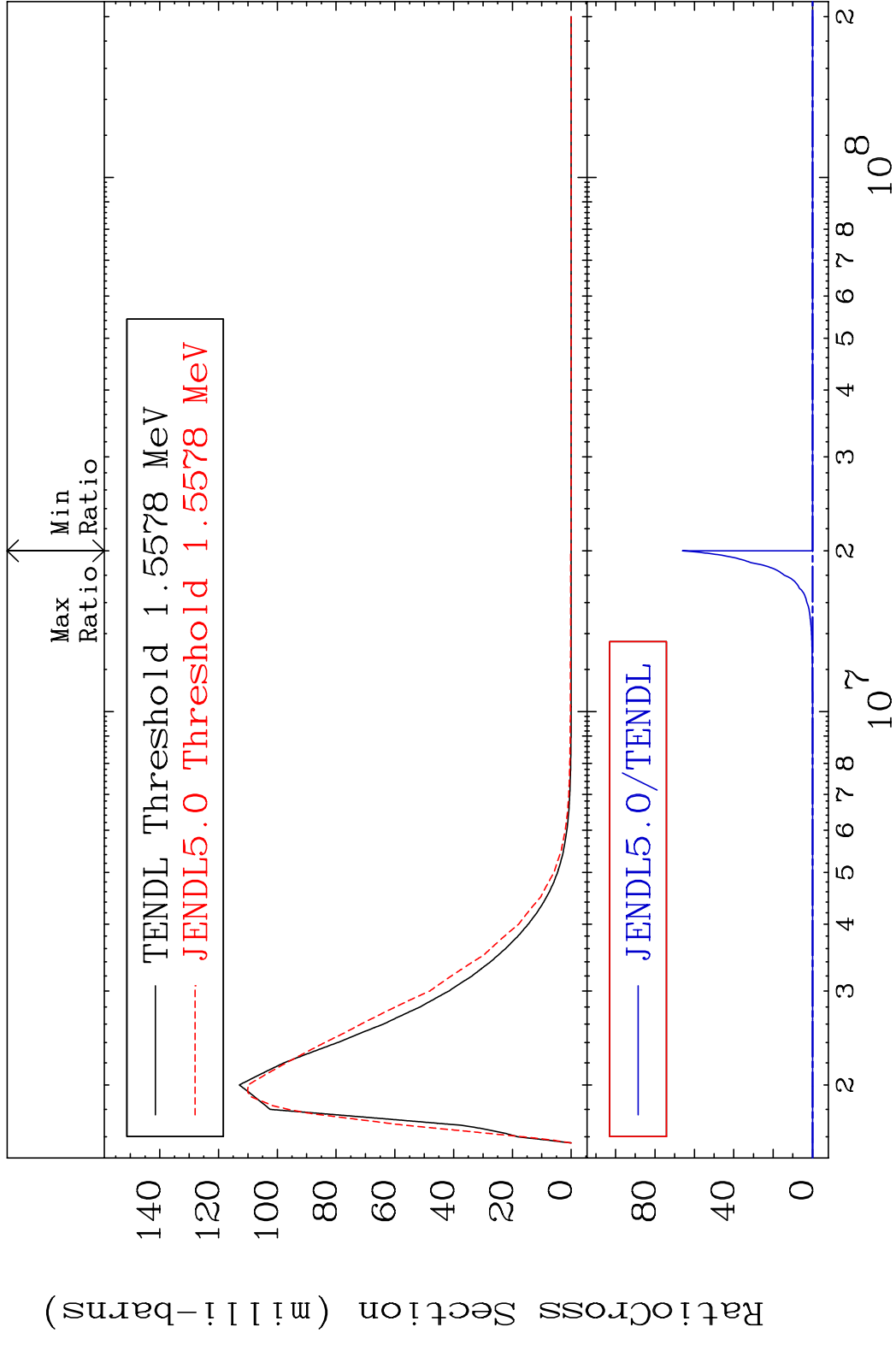
MAT 4126 MT= 70 (n, n') Level 41-Nb-93m
 Cross Section -100.0 To 9999. %



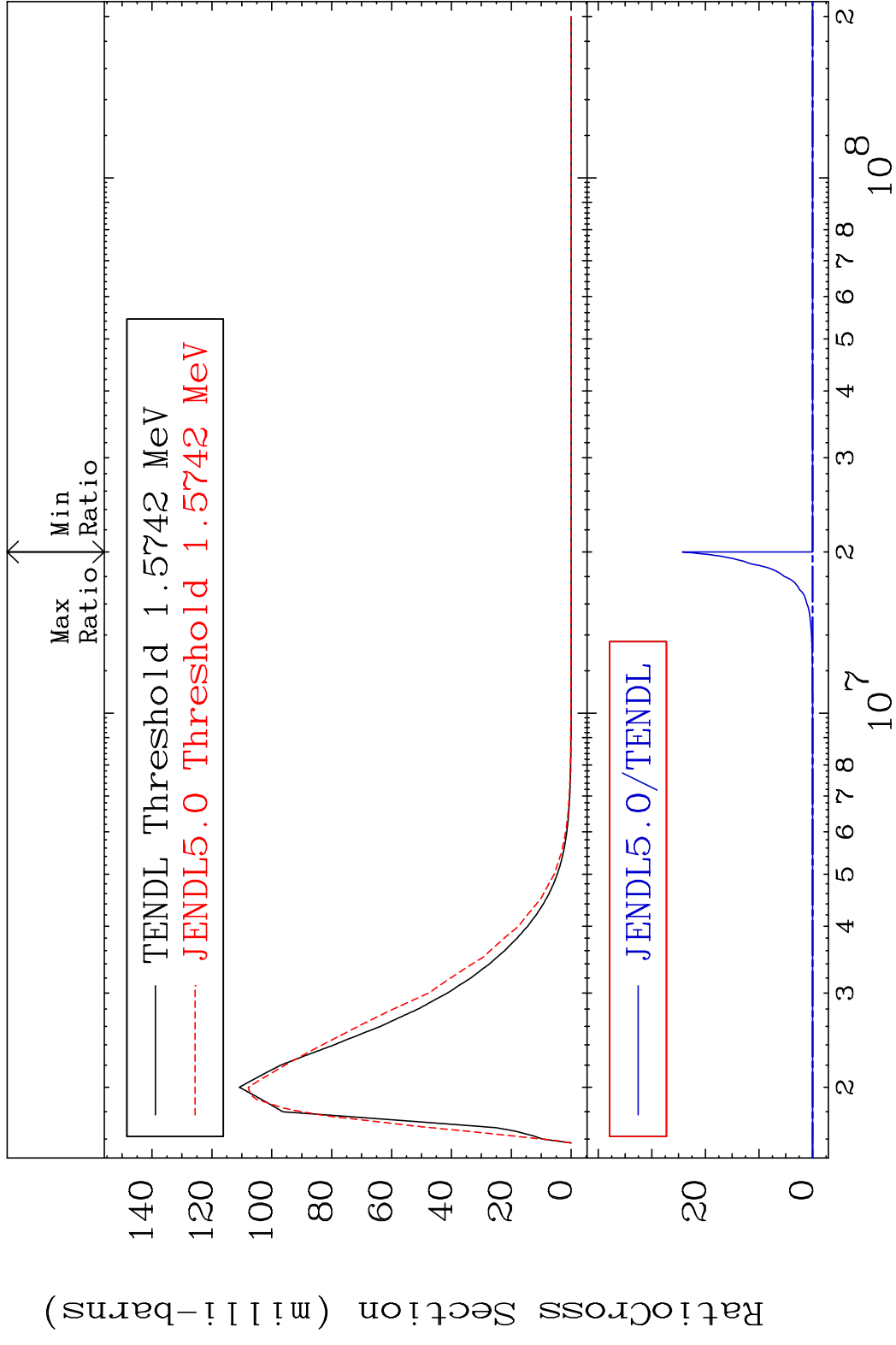
MAT 4126 MT= 71 (n, n') Level 41-Nb-93m
 Cross Section -100.0 To 9999. %



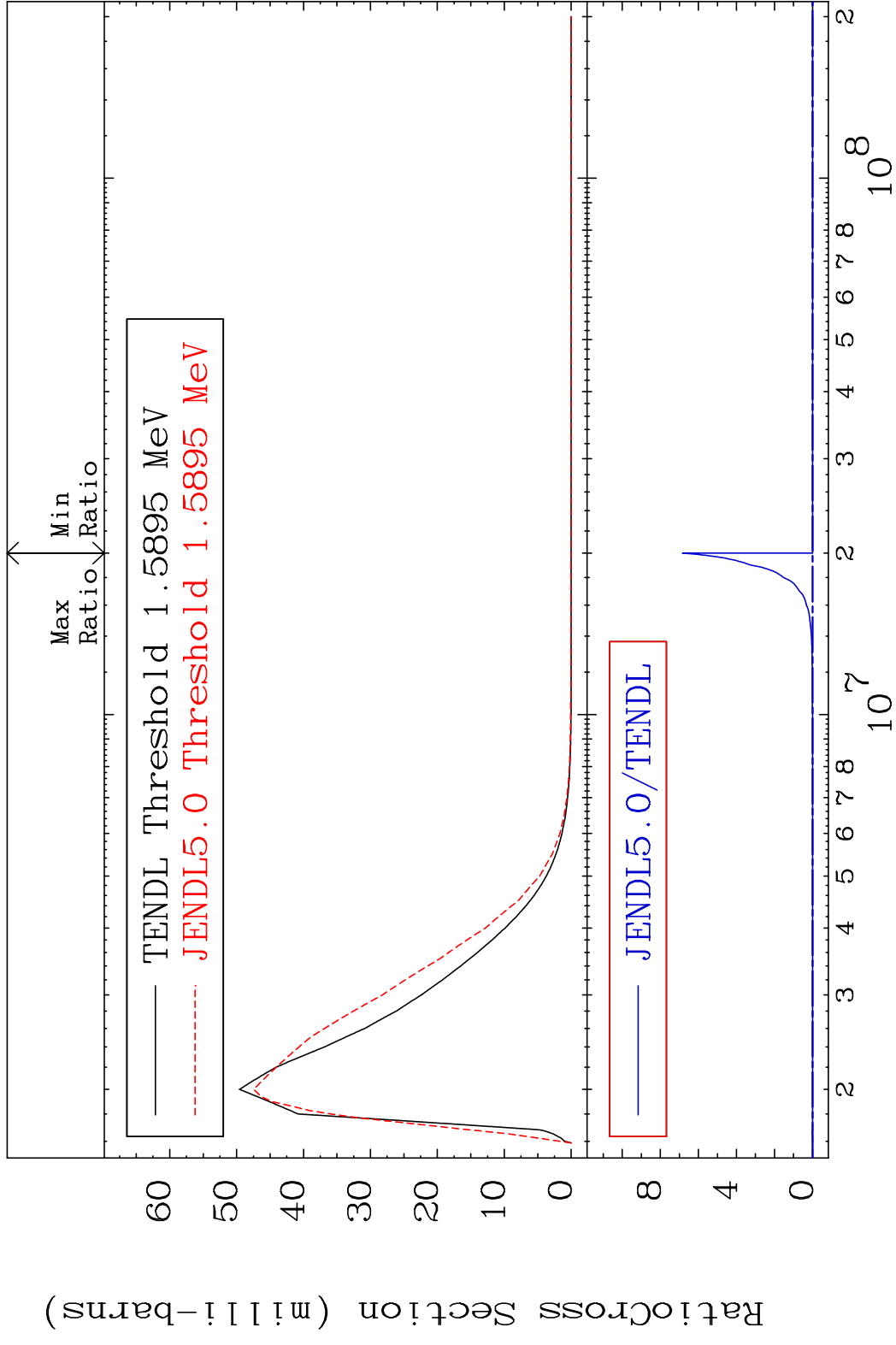
MAT 4126 MT= 72 (n, n') Level 41-Nb-93m
 Cross Section -100.0 To 9999. %



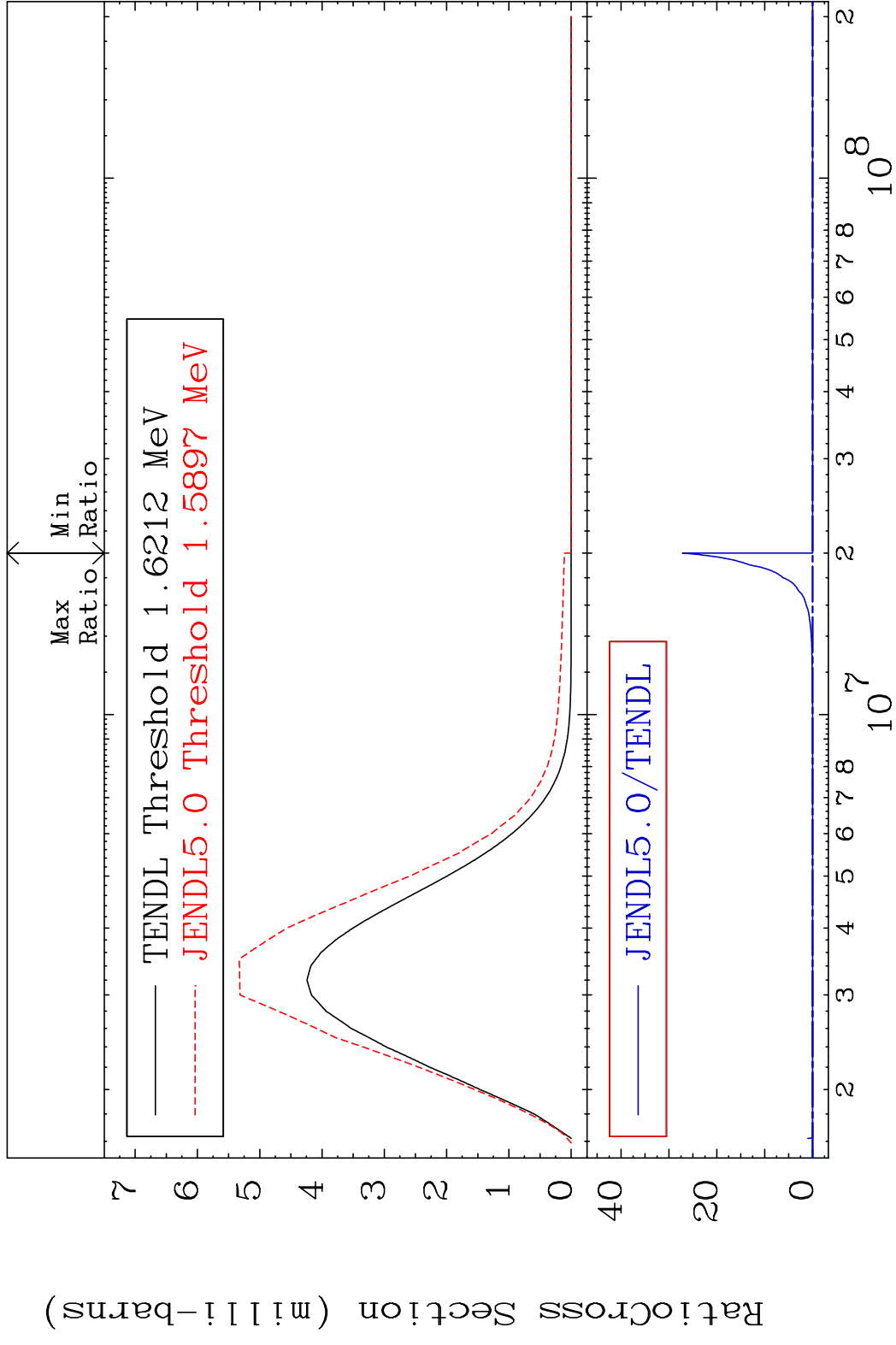
MAT 4126 MT= 73 (n, n') Level 41-Nb-93m
 Cross Section -100.0 To 9999. %



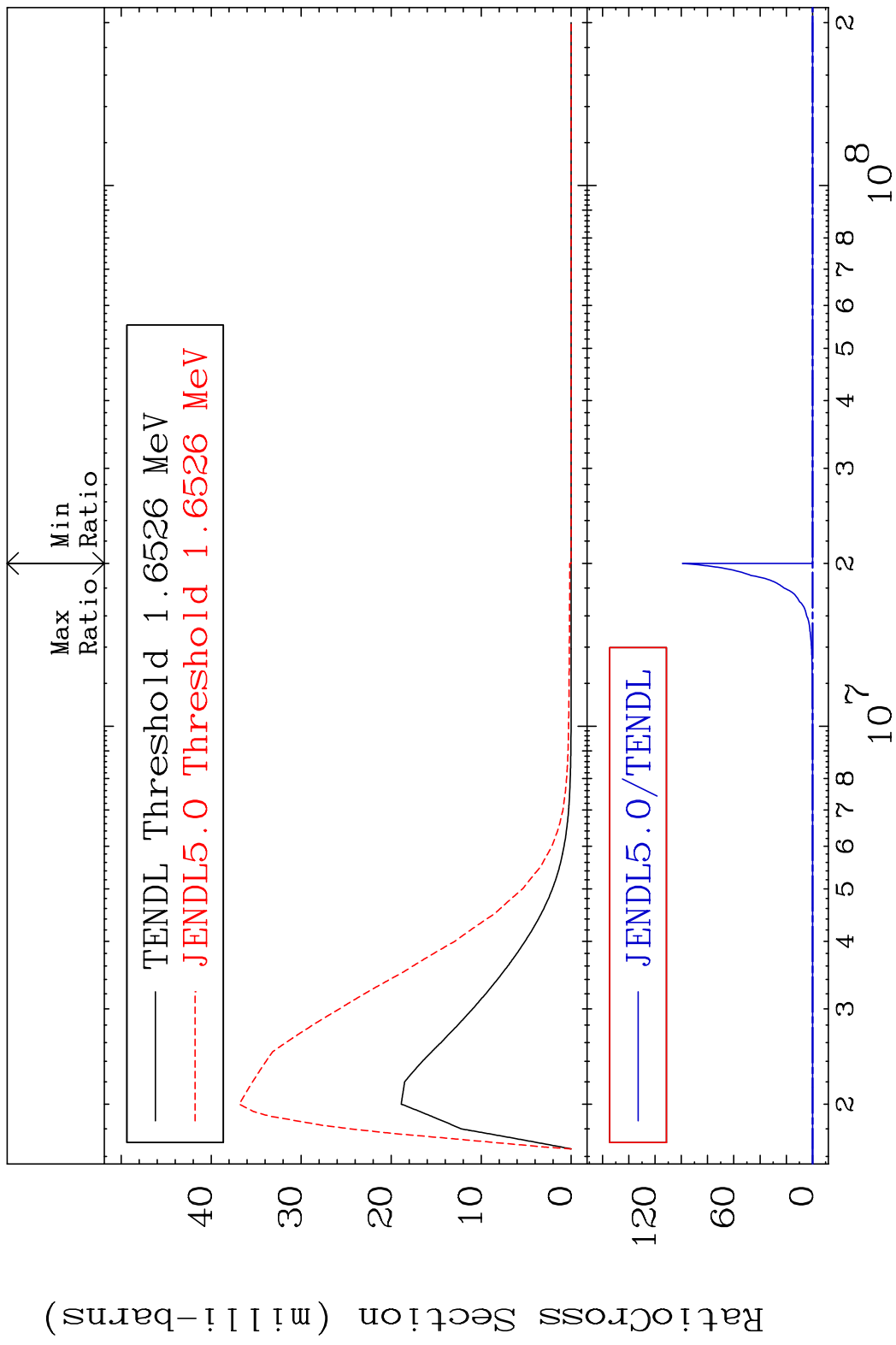
MAT 4126 MT= 74 (n, n') Level 41-Nb-93m
 Cross Section -100.0 To 9999. %



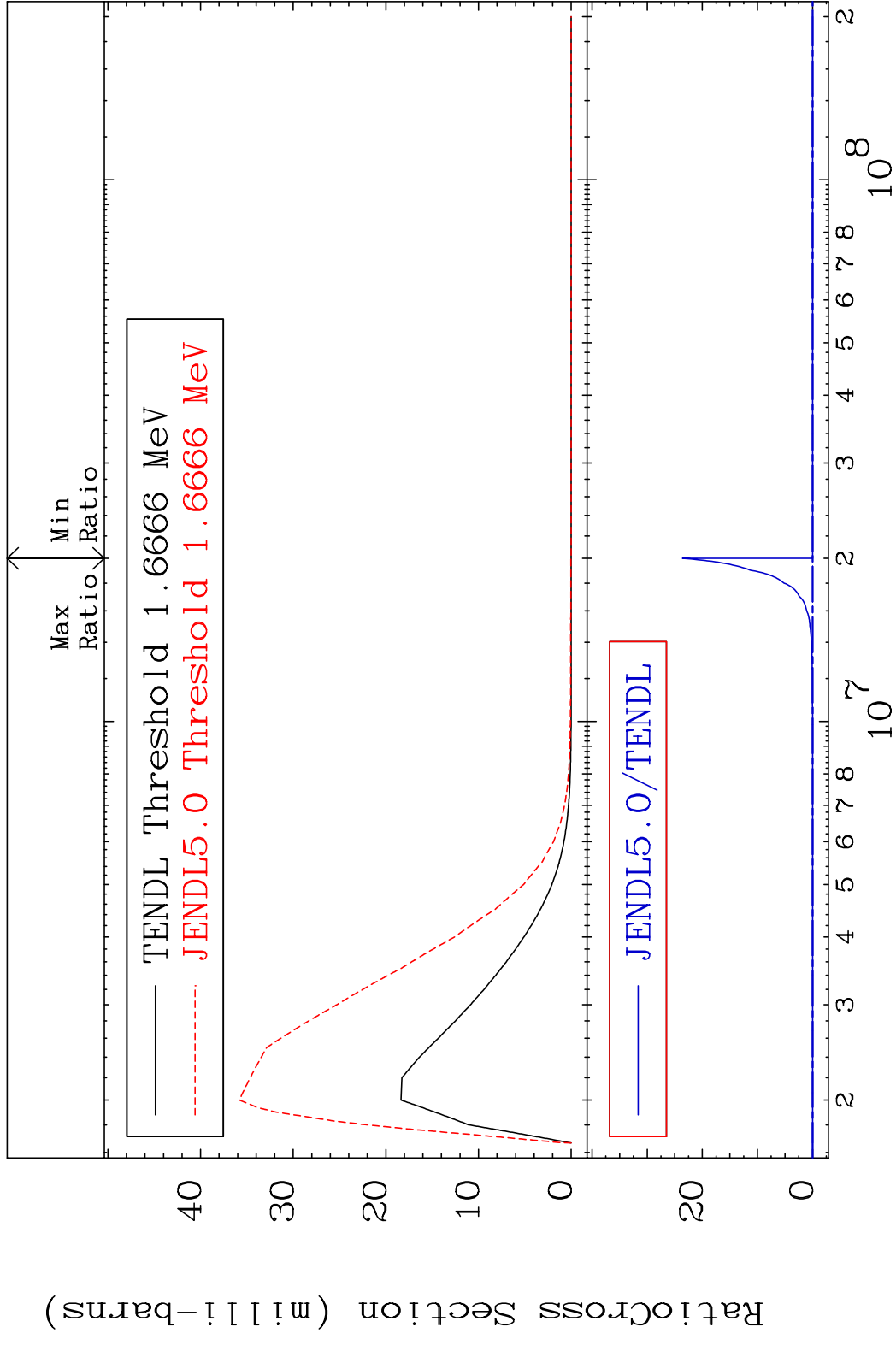
MAT 4126 MT= 75 (n, n') Level 41-Nb-93m
 Cross Section -100.0 To 9999. %



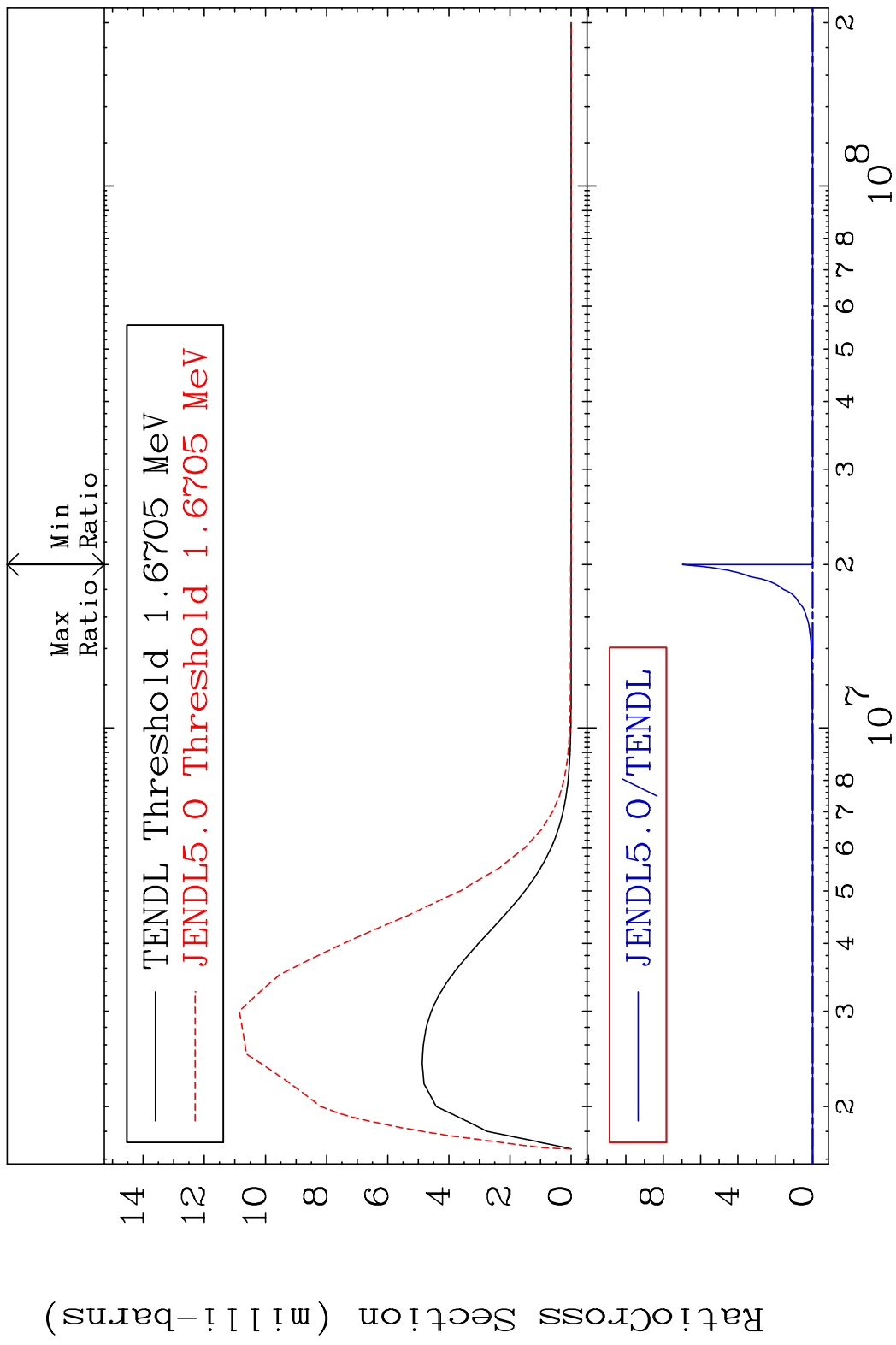
MAT 4126 MT= 76 (n, n') Level 41-Nb-93m
 Cross Section -100.0 To 9999. %



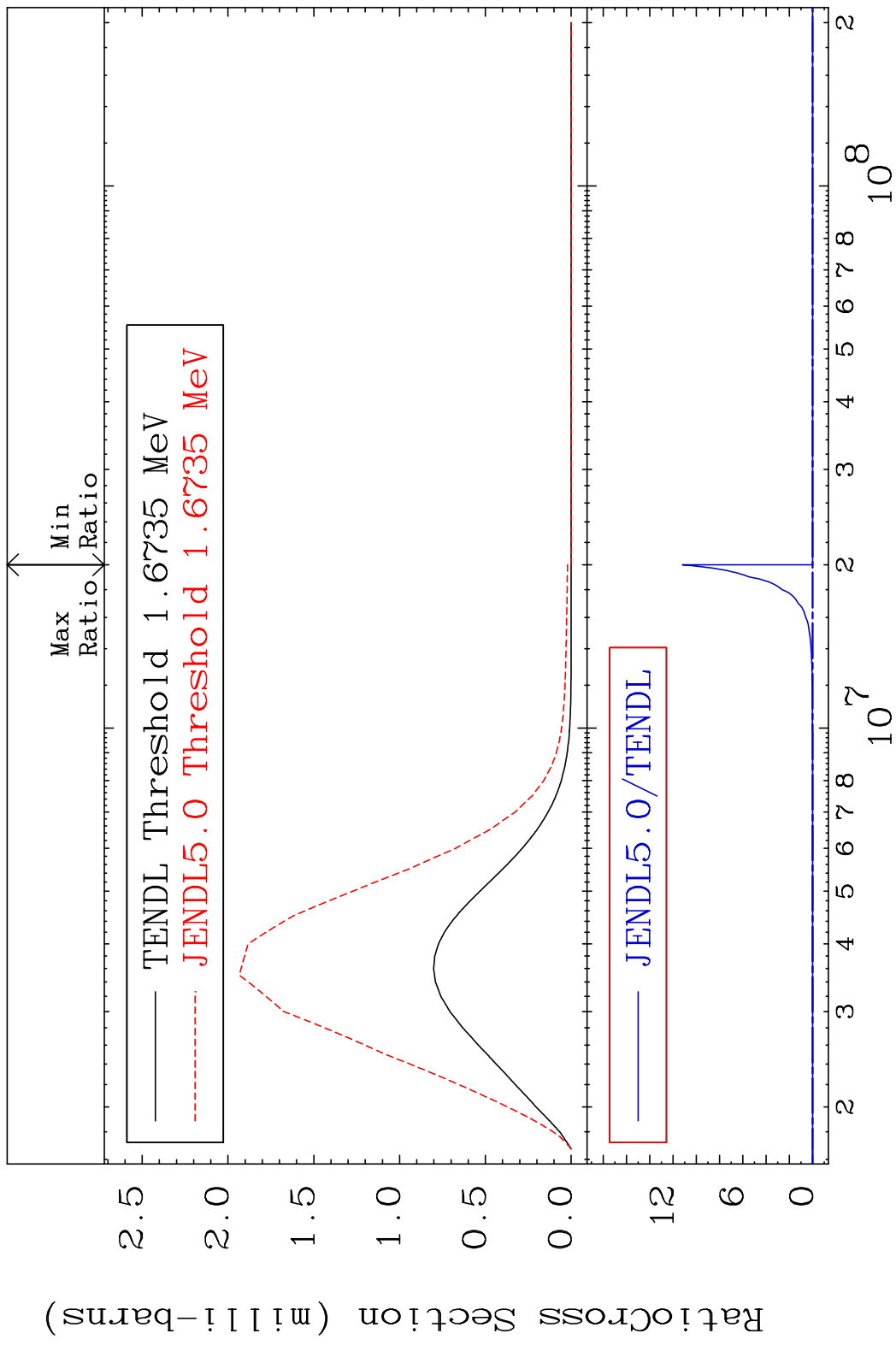
MAT 4126 MT= 77 (n, n') Level 41-Nb-93m
 Cross Section -100.0 To 9999. %



MAT 4126 MT= 78 (n,n') Level 41-Nb-93m
 Cross Section -100.0 To 9999. %

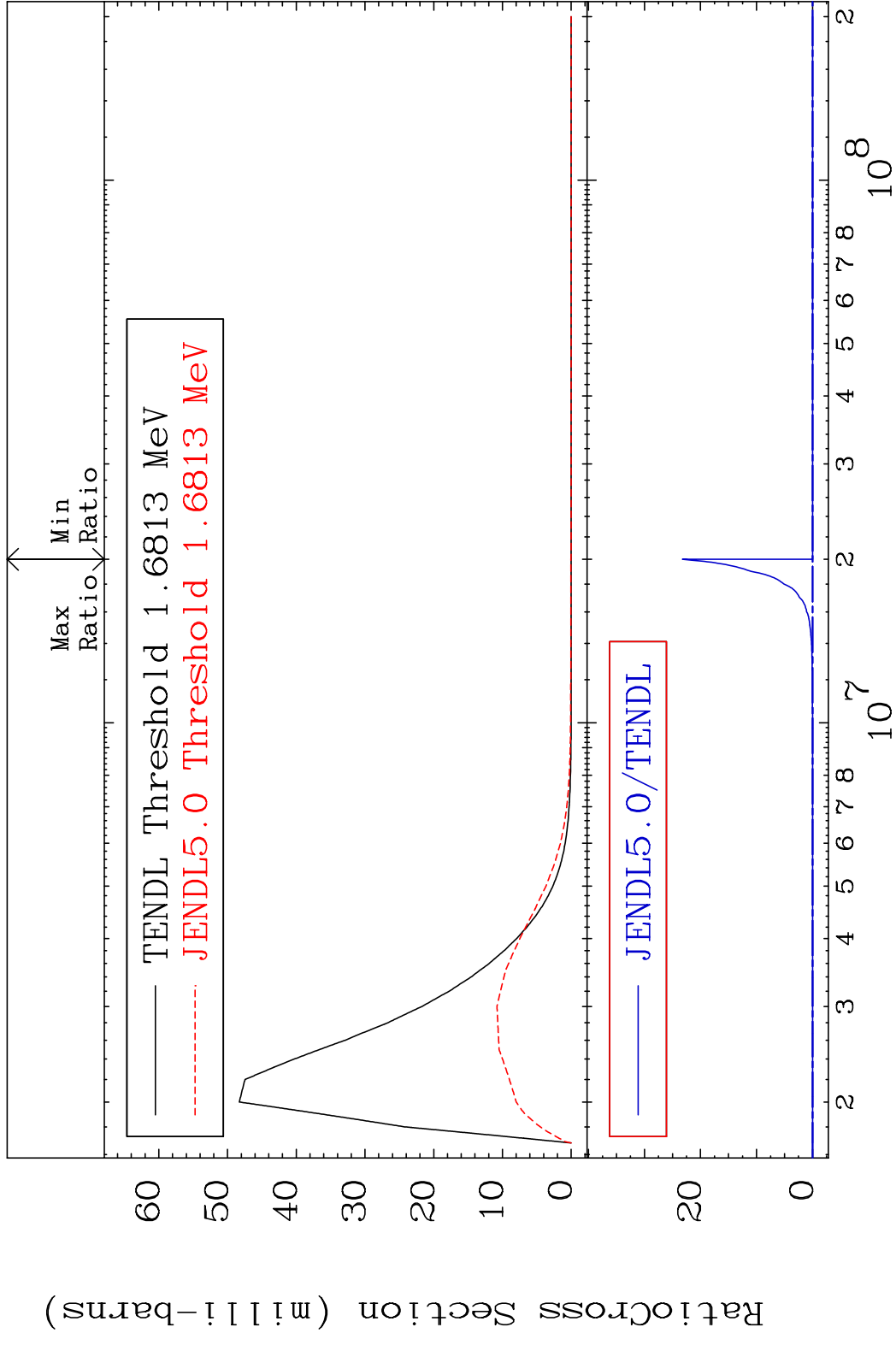


MAT 4126 MT= 79 (n, n') Level 41-Nb-93m
 Cross Section -100.0 To 9999. %



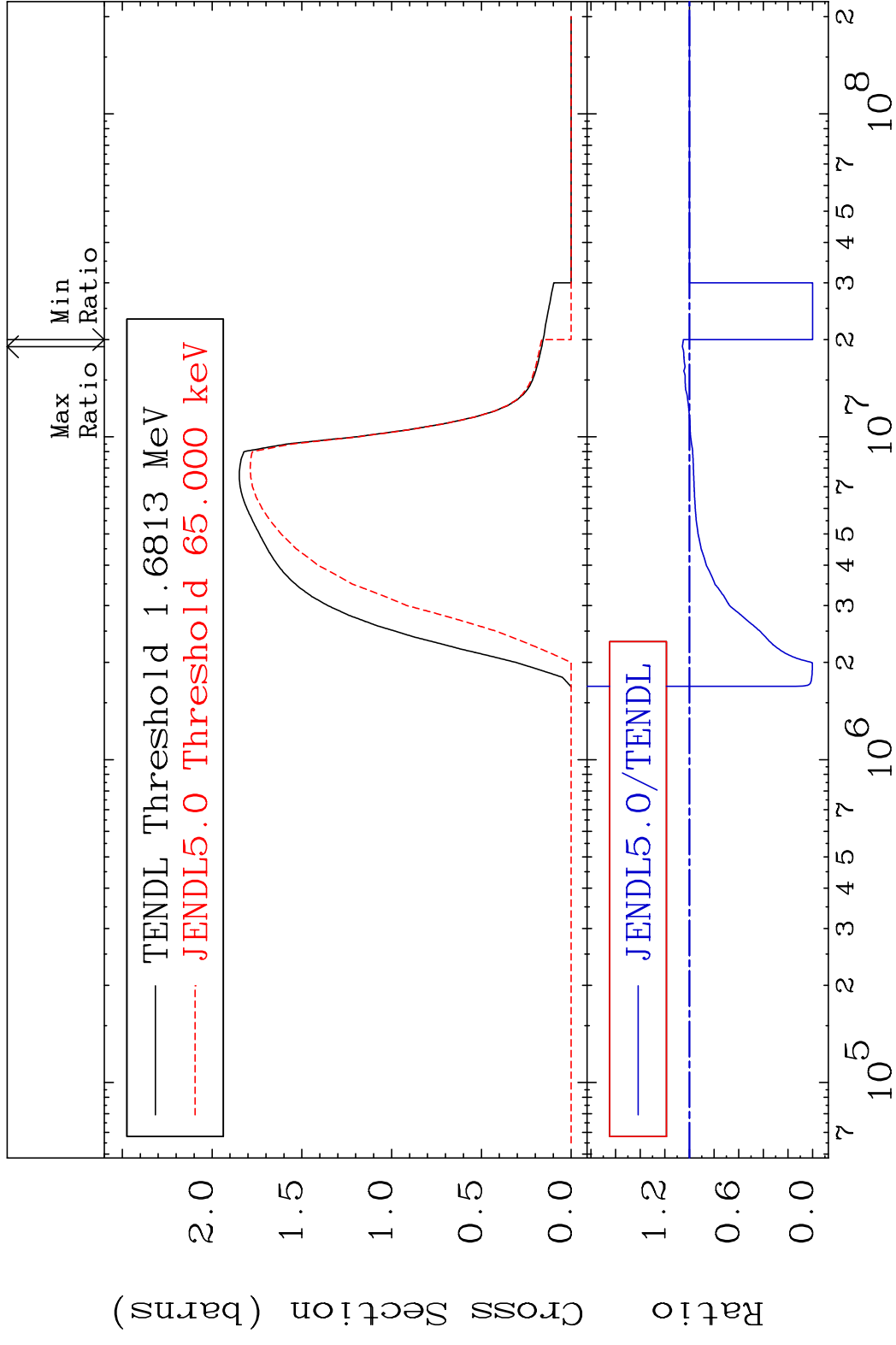
40 Incident Energy (eV) 41-Nb-93m

MAT 4126 MT= 80 (n, n') Level 41-Nb-93m
 Cross Section -100.0 To 9999. %



41 41-Nb-93m

MAT 4126 (n,n') Continuum 41-Nb-93m
 Cross Section -100.0 To 5.784 %

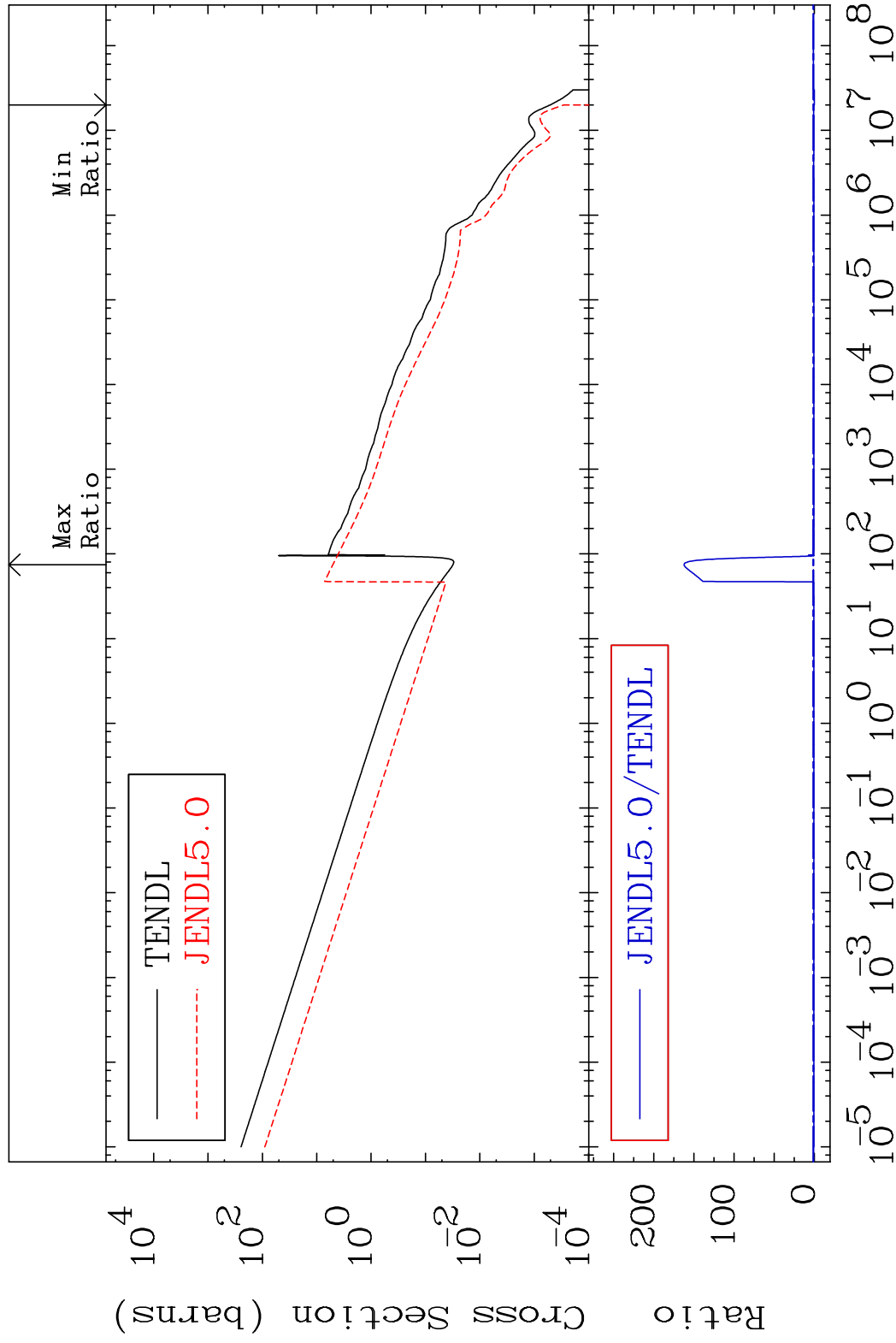


MAT 4126

41-Nb-93m

(n, γ)

Cross Section -100.0 To 9999. %



43

Incident Energy (eV)

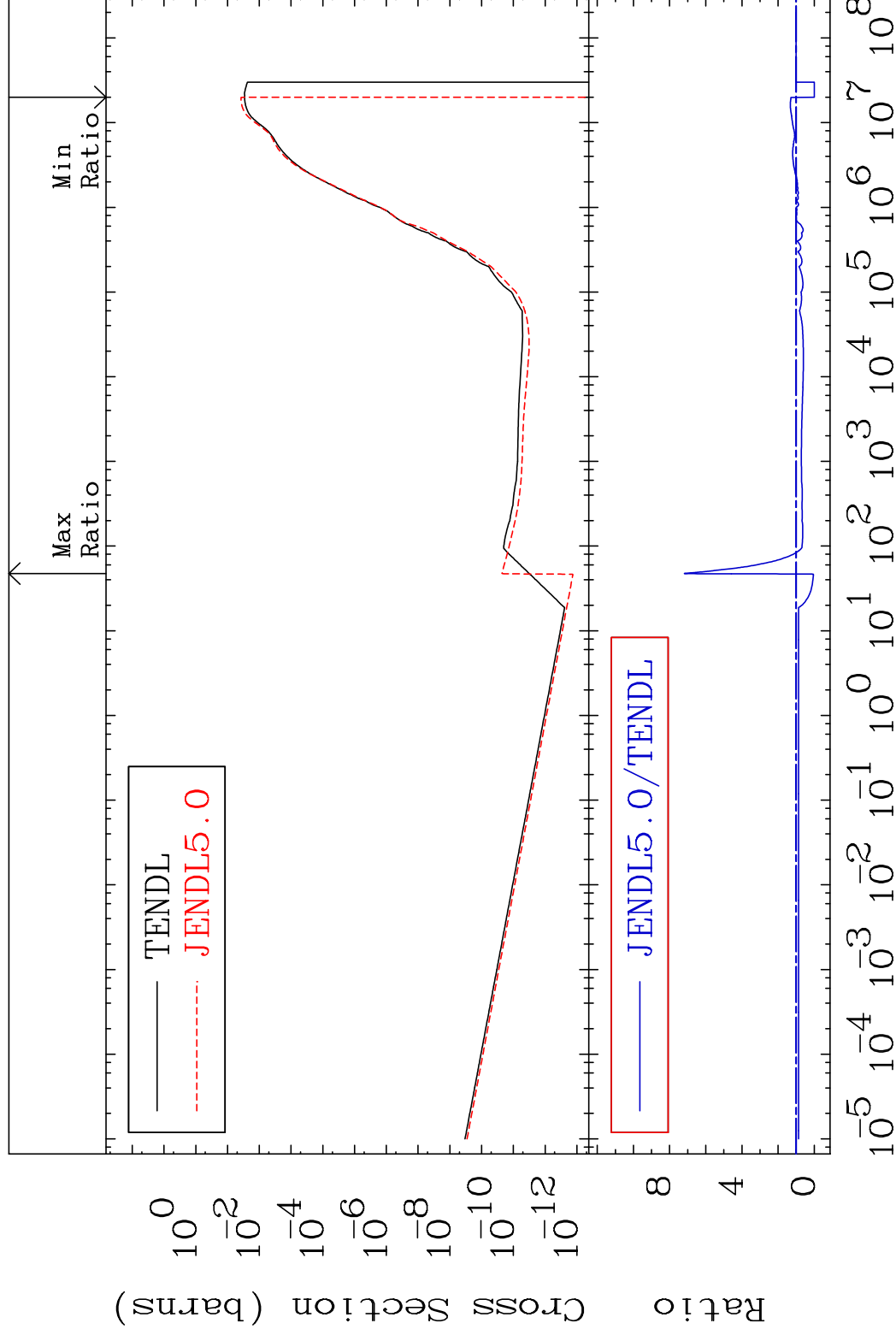
41-Nb-93m

MAT 4126

(n, p)

41-Nb-93m

Cross Section -100.0 To 620.1 %



44

Incident Energy (eV)

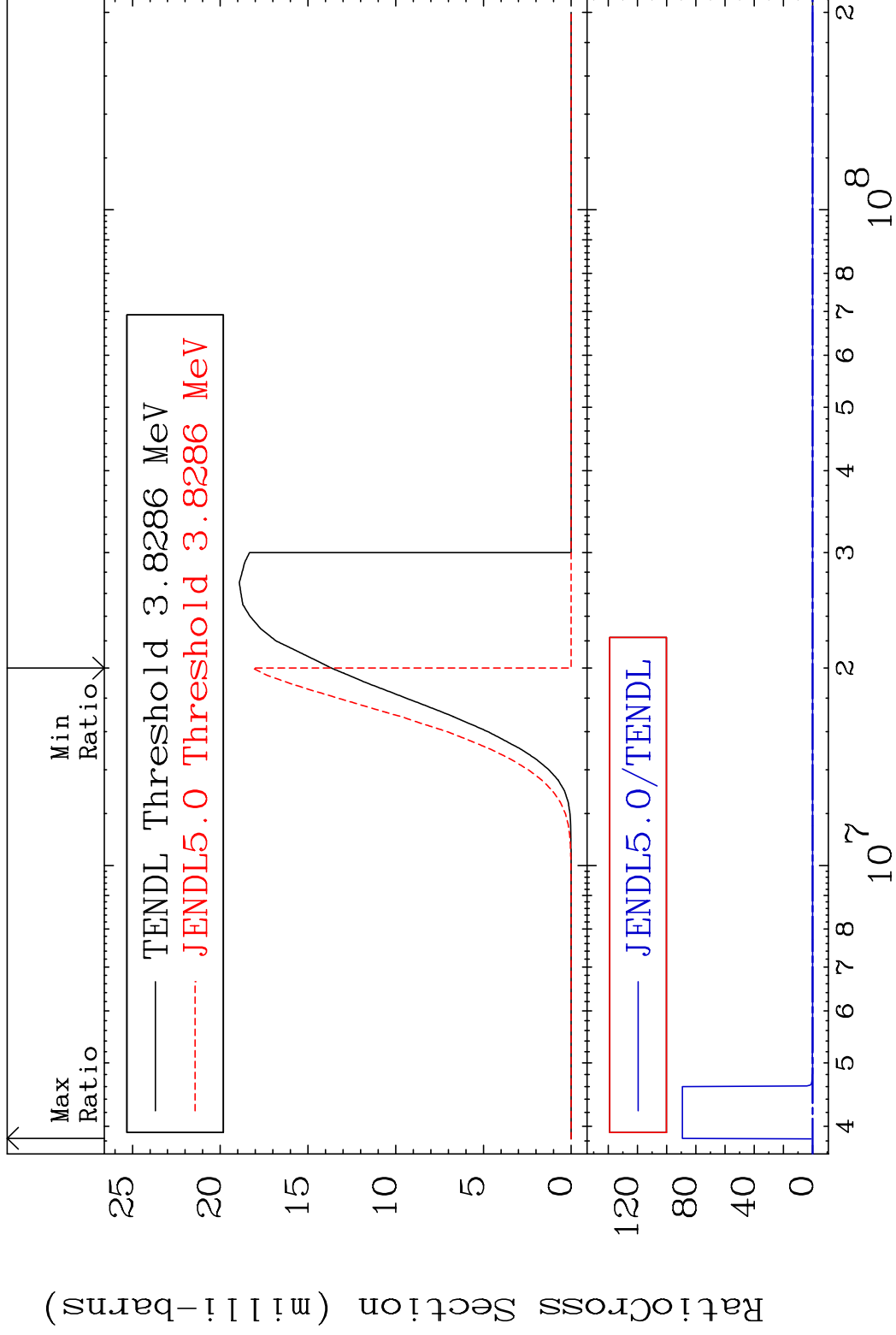
41-Nb-93m

MAT 4126

(n,d)

41-Nb-93m

Cross Section -100.0 To 9999. %



45

Incident Energy (eV)

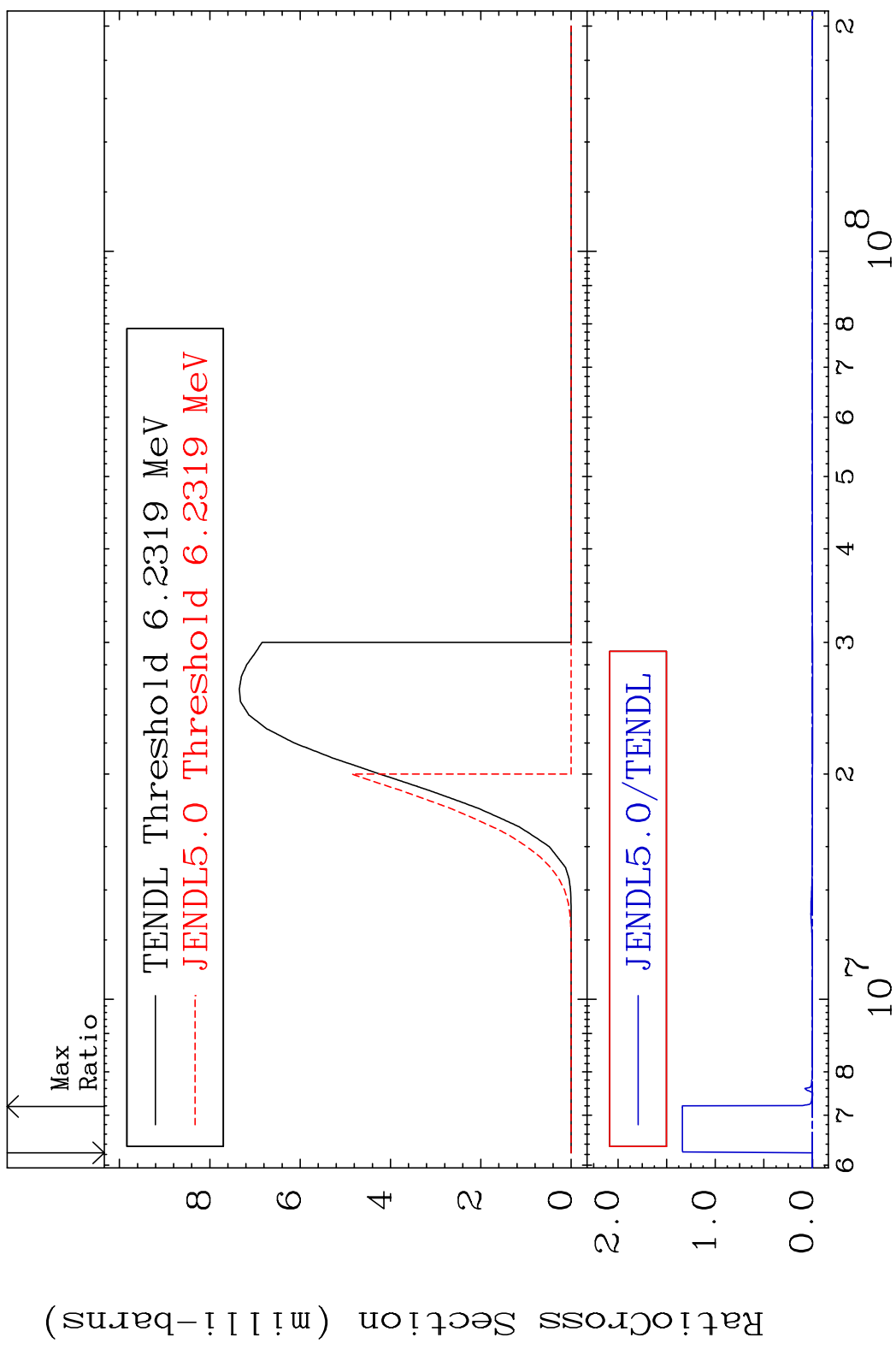
41-Nb-93m

MAT 4126

(n, t)

41-Nb-93m

Cross Section -100.0 To 9999. %



46

Incident Energy (eV)

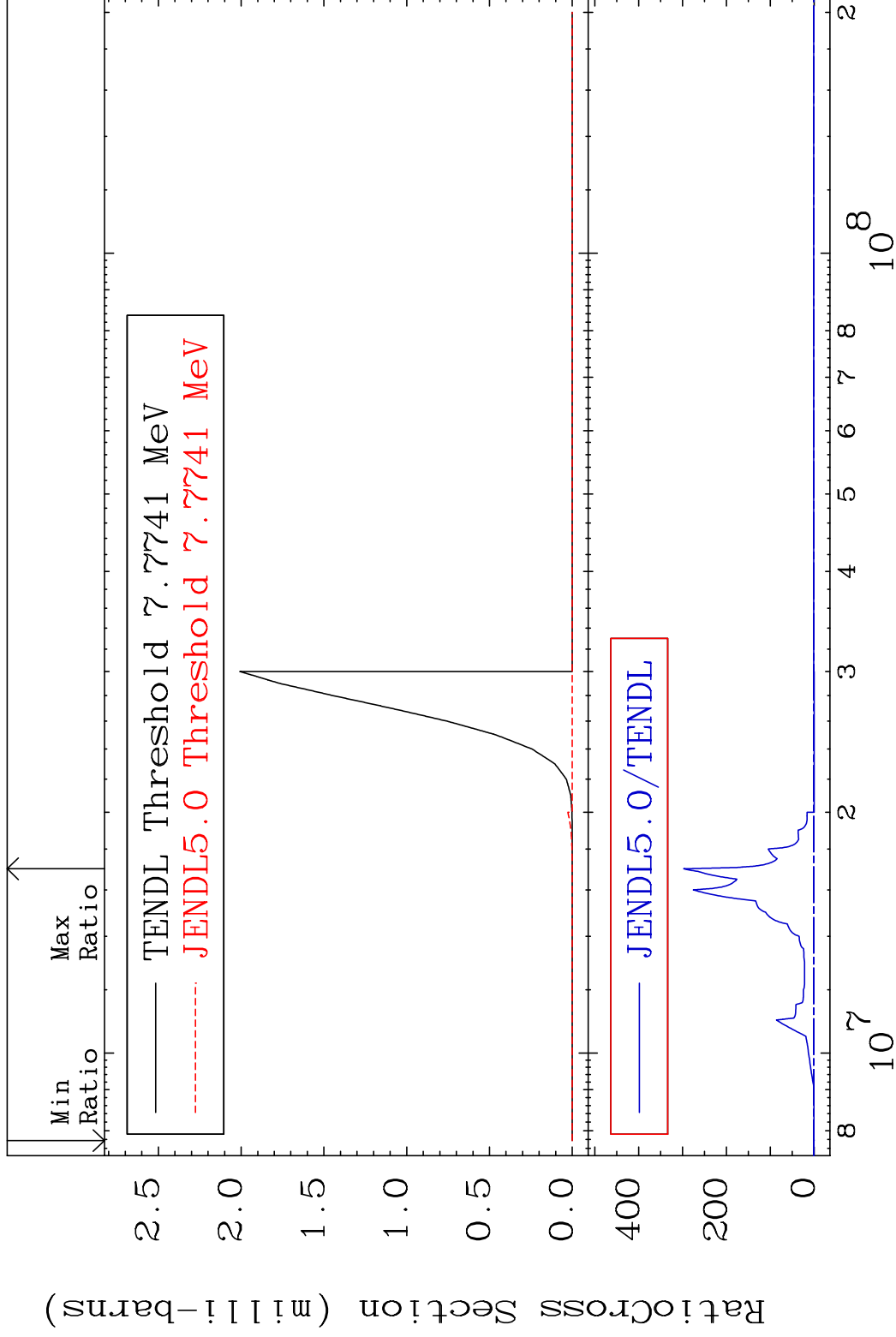
41-Nb-93m

MAT 4126

(n, He-3)

41-Nb-93m

Cross Section -100.0 To 9999. %



47

Incident Energy (eV)

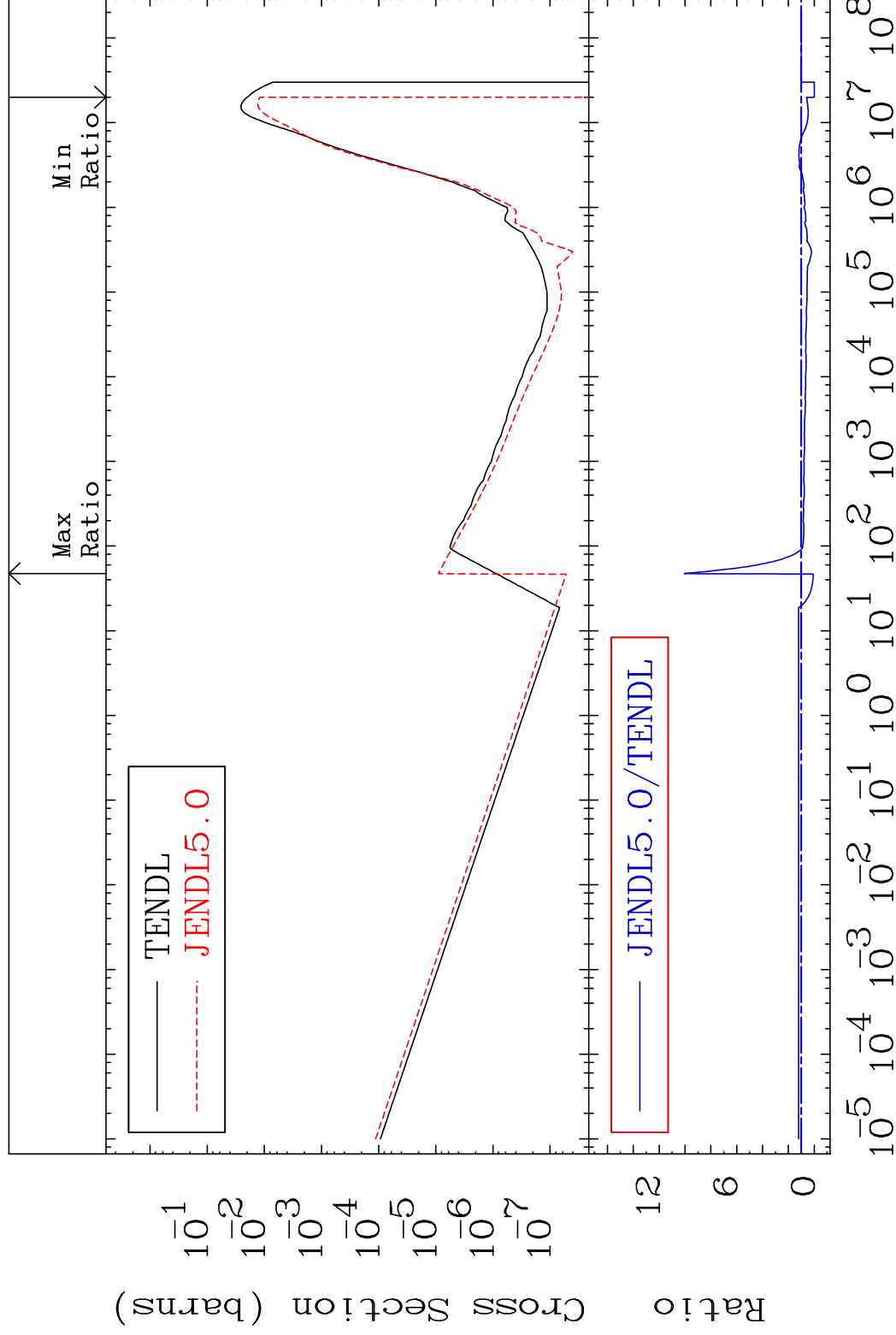
41-Nb-93m

MAT 4126

41-Nb-93m

(n, α)

Cross Section -100.0 To 907.2 %



48

Incident Energy (eV)

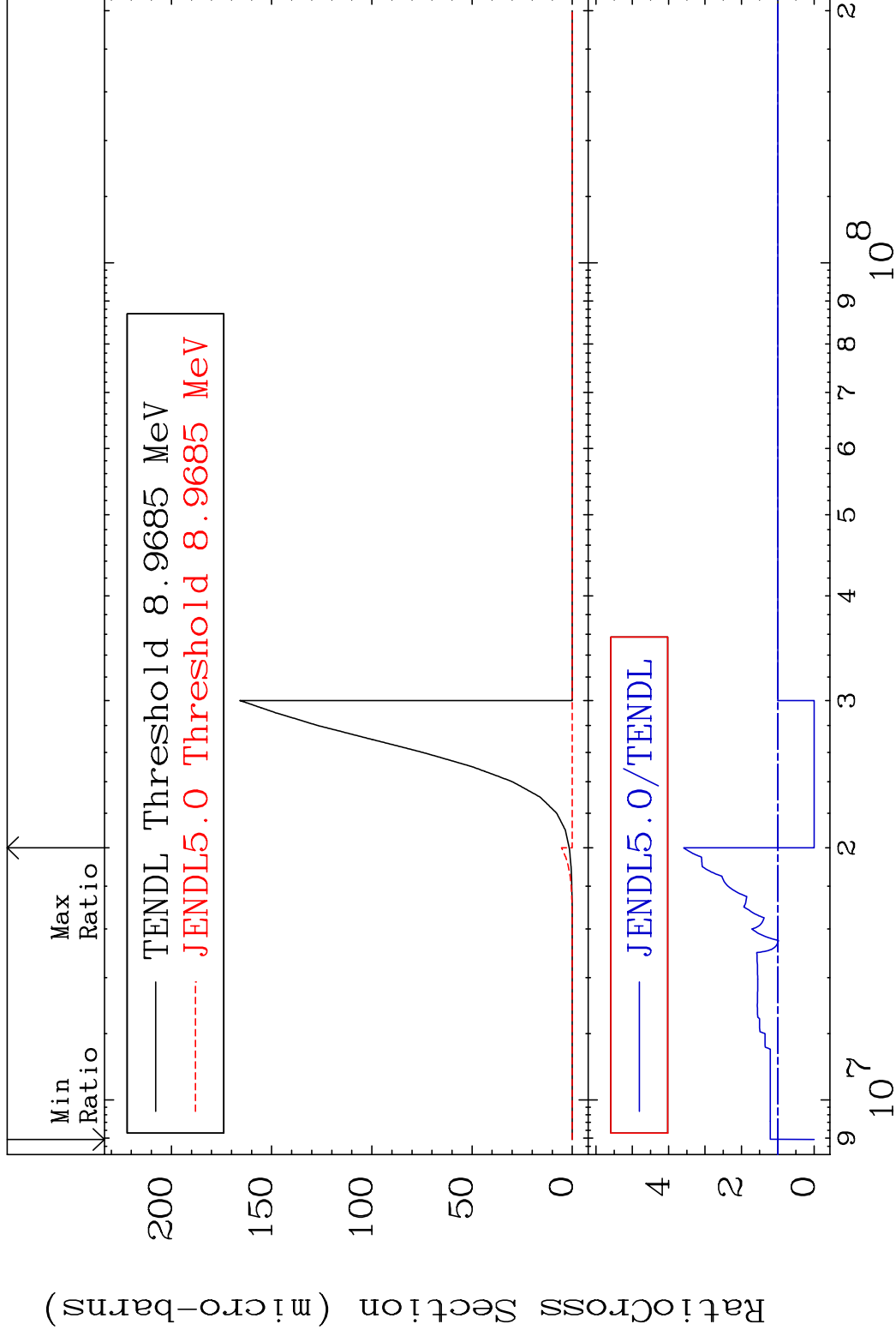
41-Nb-93m

MAT 4126

(n,2p)

41-Nb-93m

Cross Section -100.0 To 258.8 %

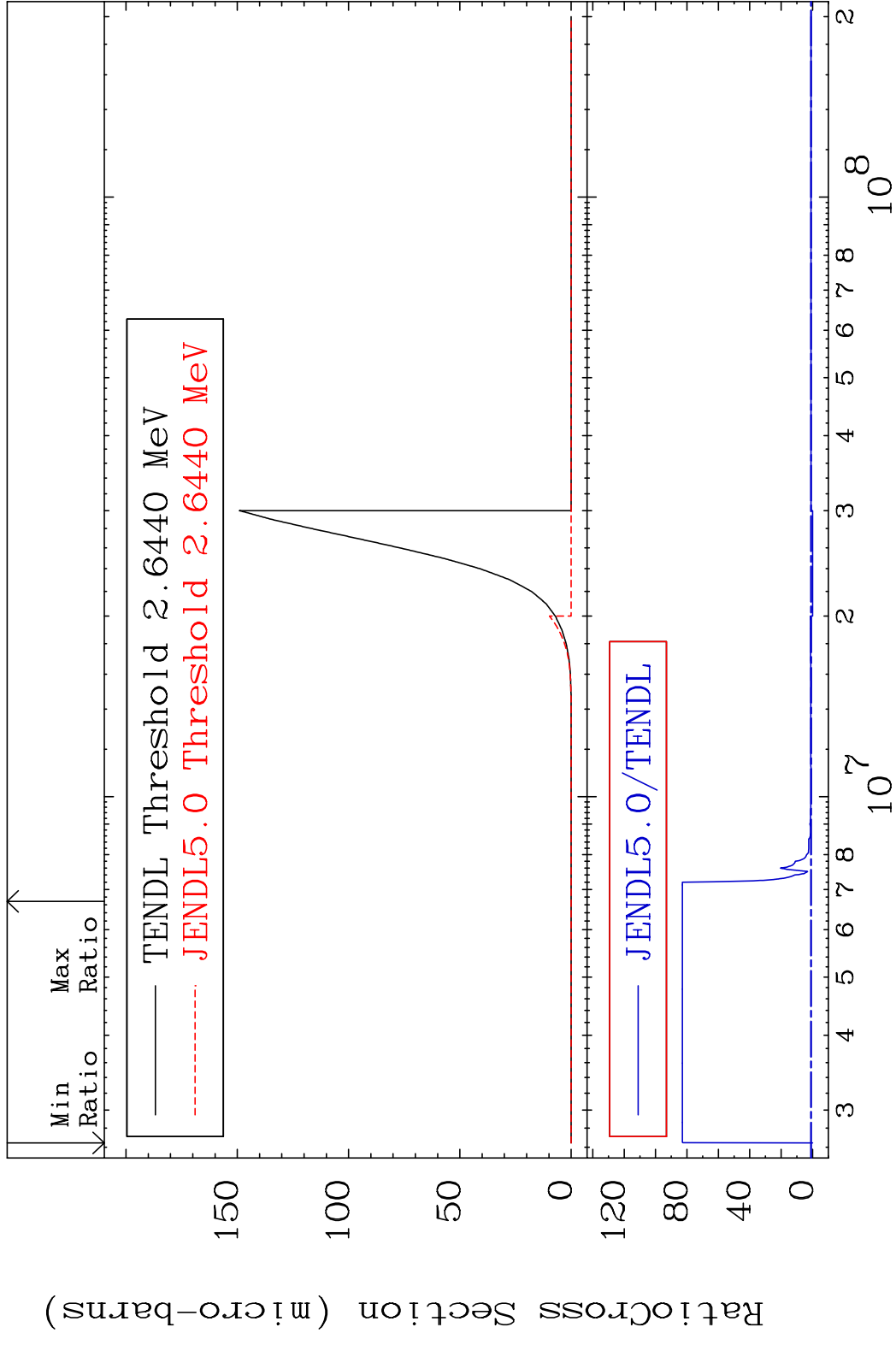


49

Incident Energy (eV)

41-Nb-93m

MAT 4126 (n,p) α 41-Nb-93m
 Cross Section -100.0 To 8193. %

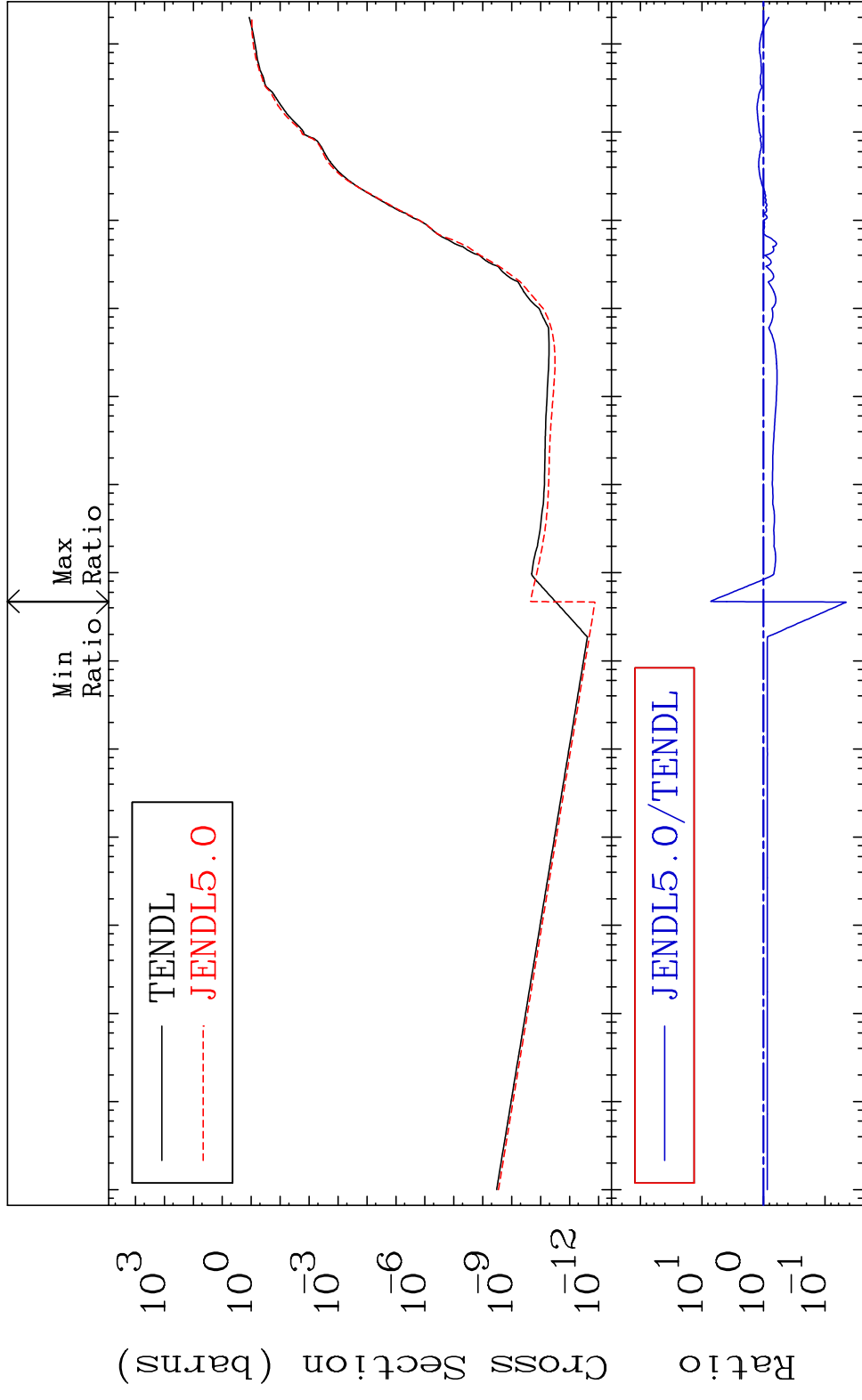


50 Incident Energy (eV) 41-Nb-93m

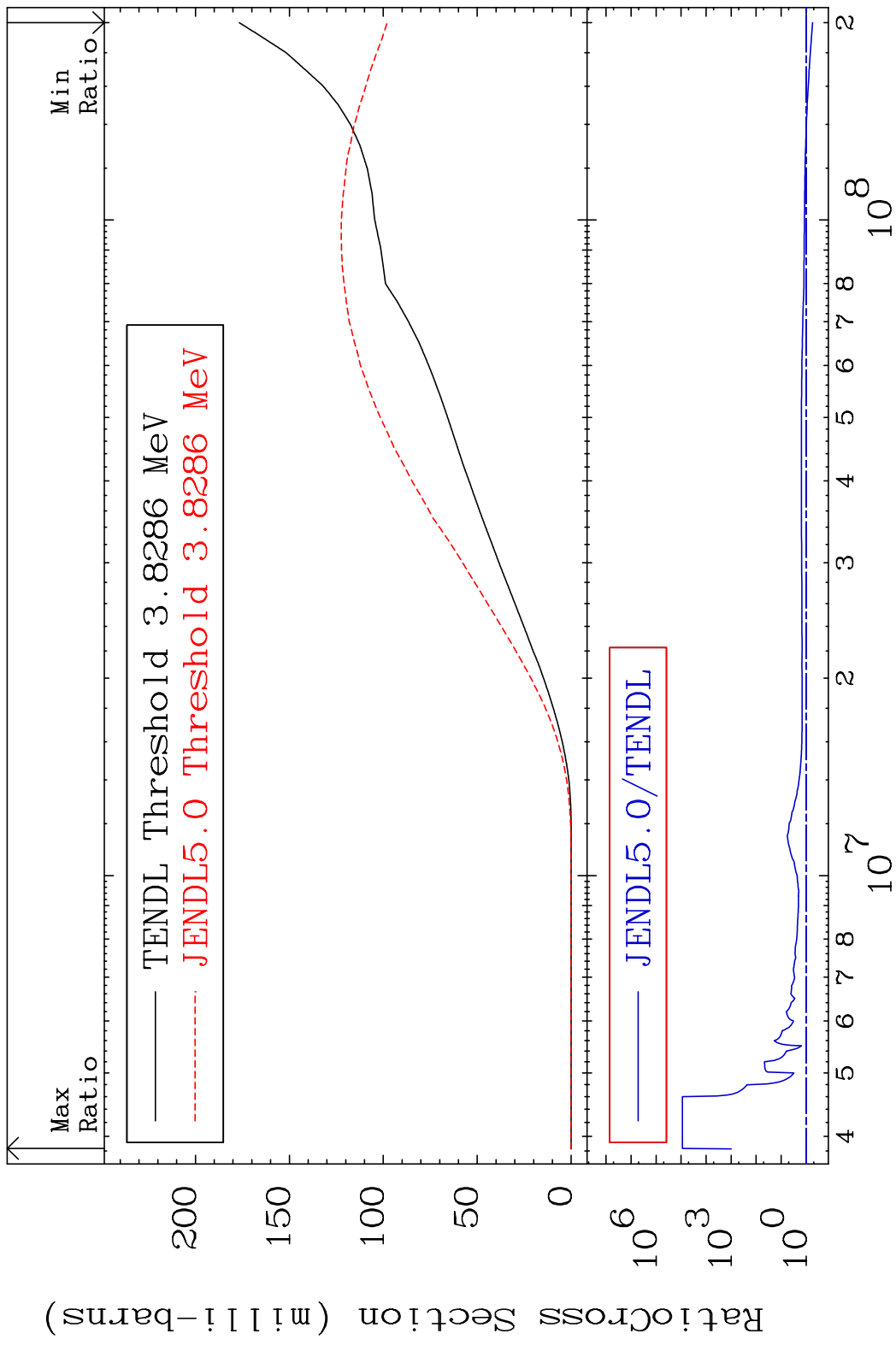
MAT 4126

Hydrogen Production
Cross Section -95.50 To 620.1 %

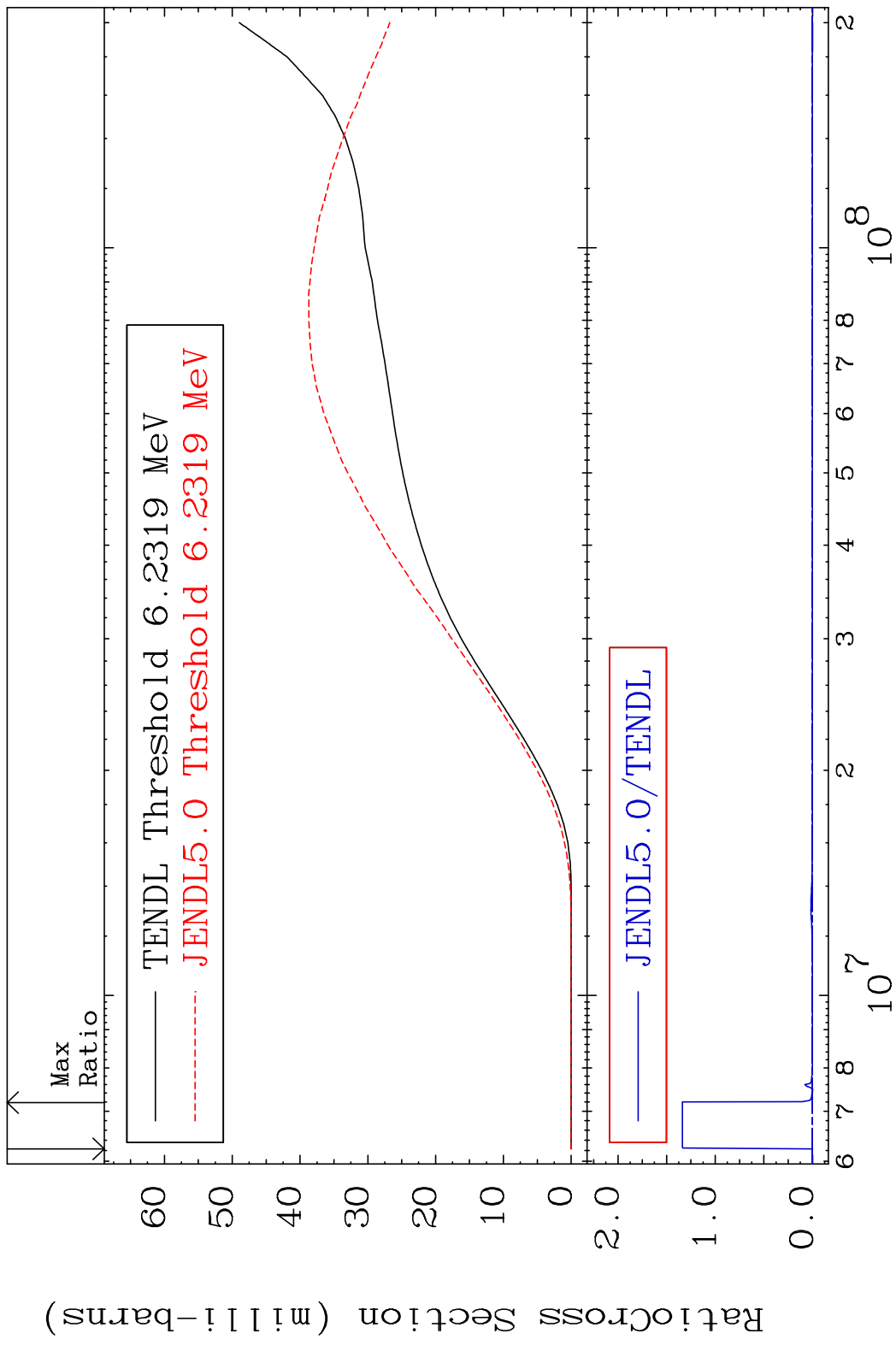
41-Nb-93m



MAT 4126 Deuterium Production 41-Nb-93m
 Cross Section -44.53 To 9999. %



MAT 4126 Tritium Production 41-Nb-93m
 Cross Section -100.0 To 9999. %

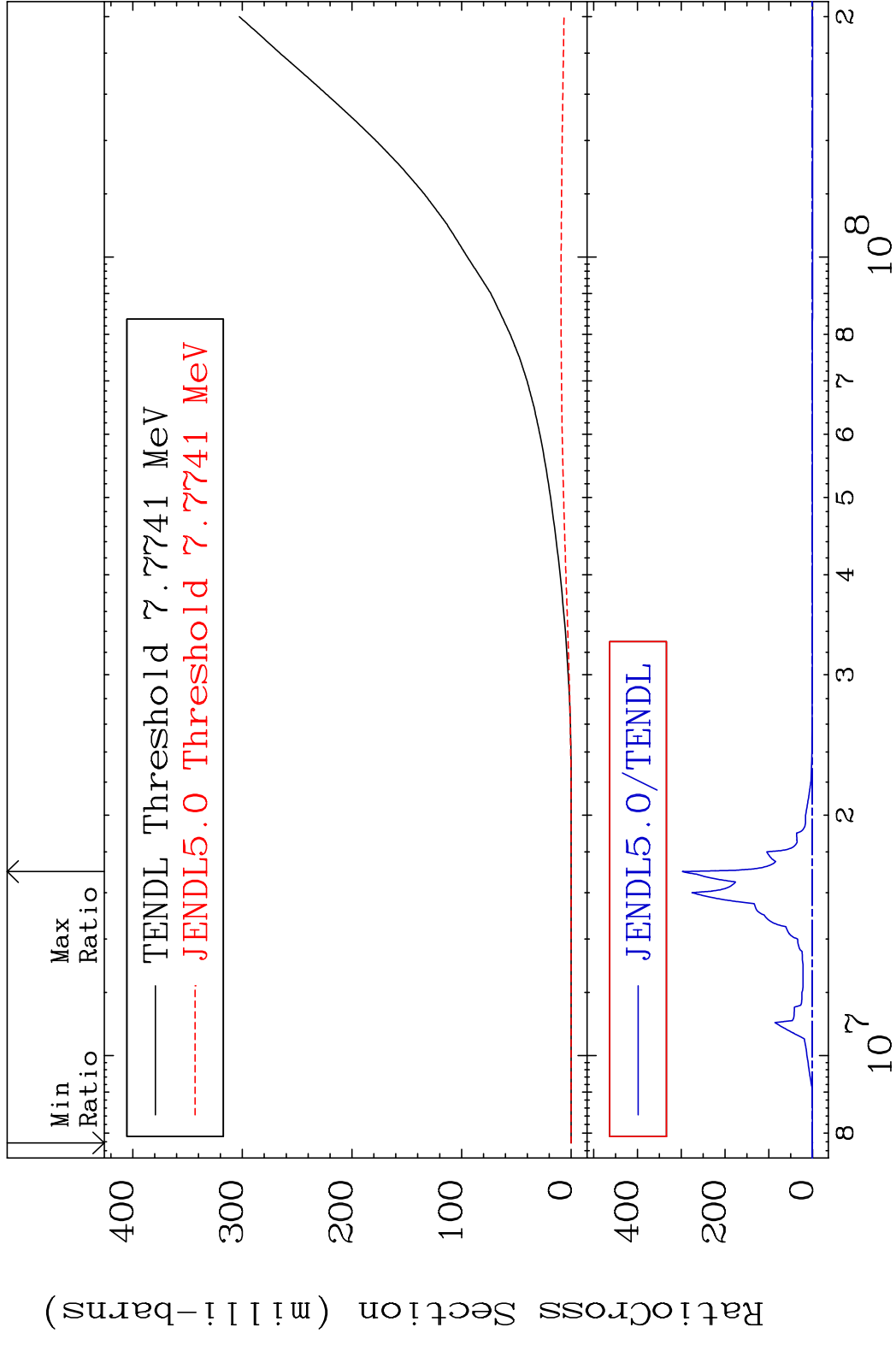


MAT 4126

He-3 Production

41-Nb-93m

Cross Section -100.0 To 9999. %



54

Incident Energy (eV)

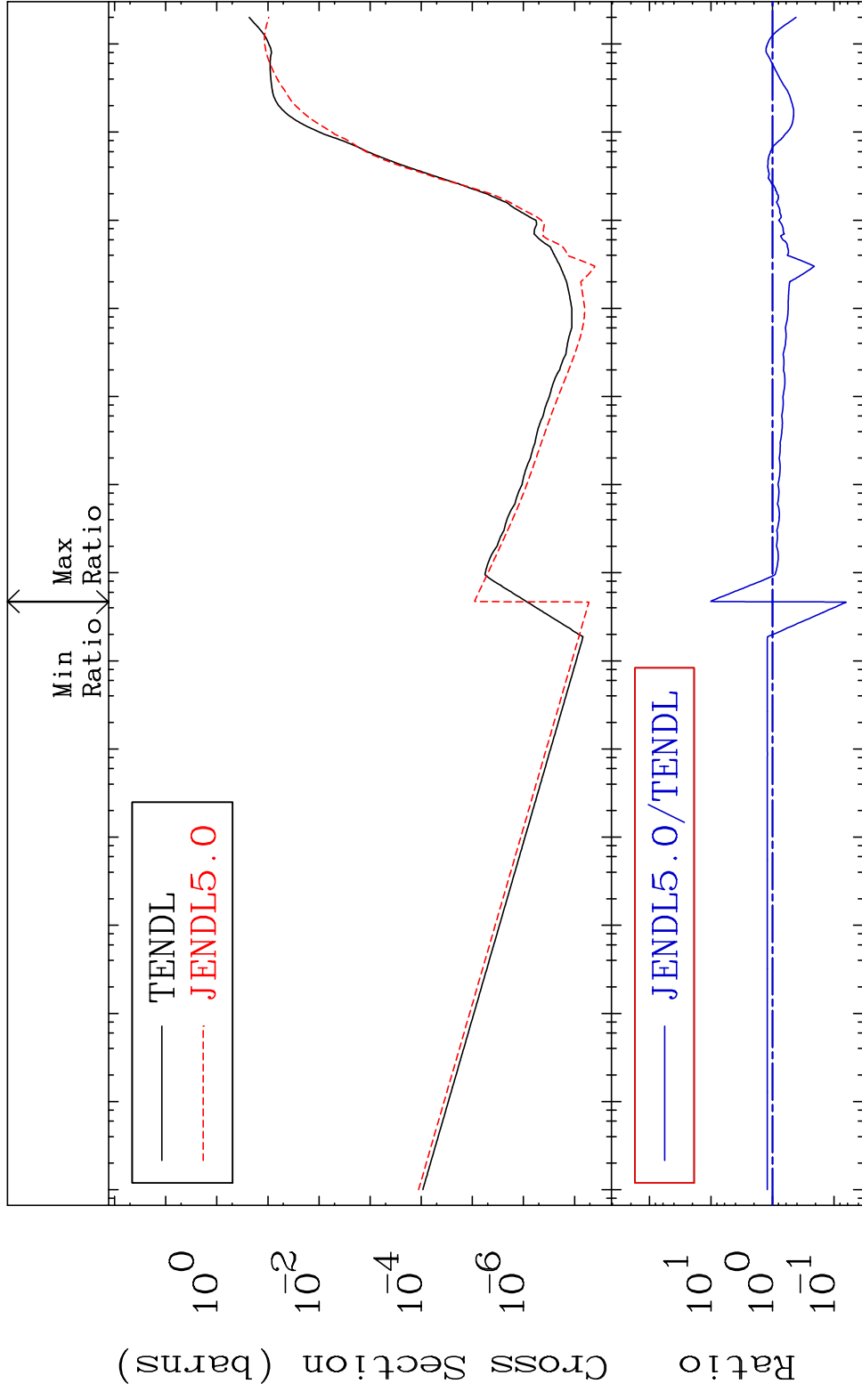
41-Nb-93m

MAT 4126

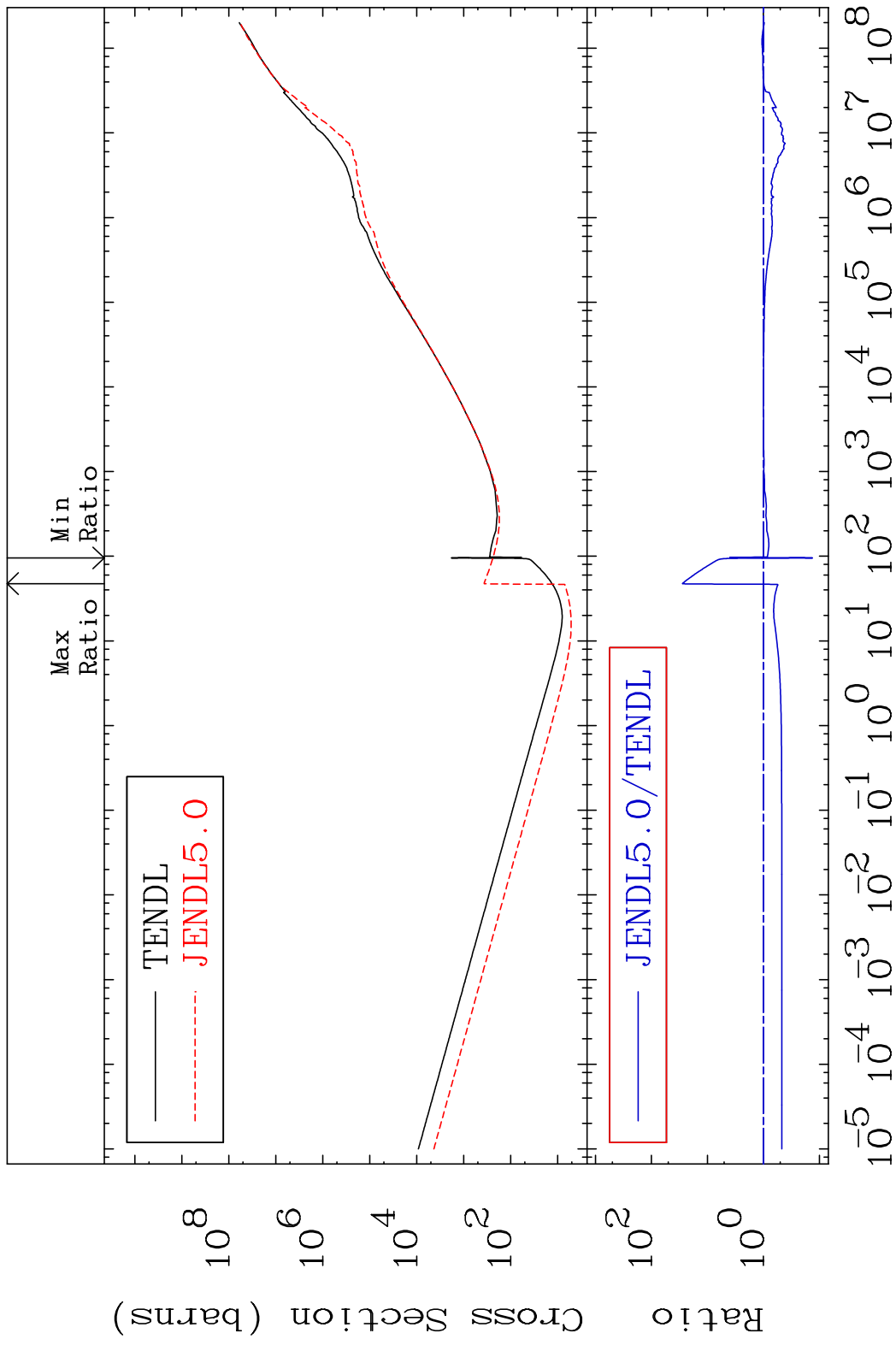
He-4 Production

41-Nb-93m

Cross Section -93.70 To 907.2 %



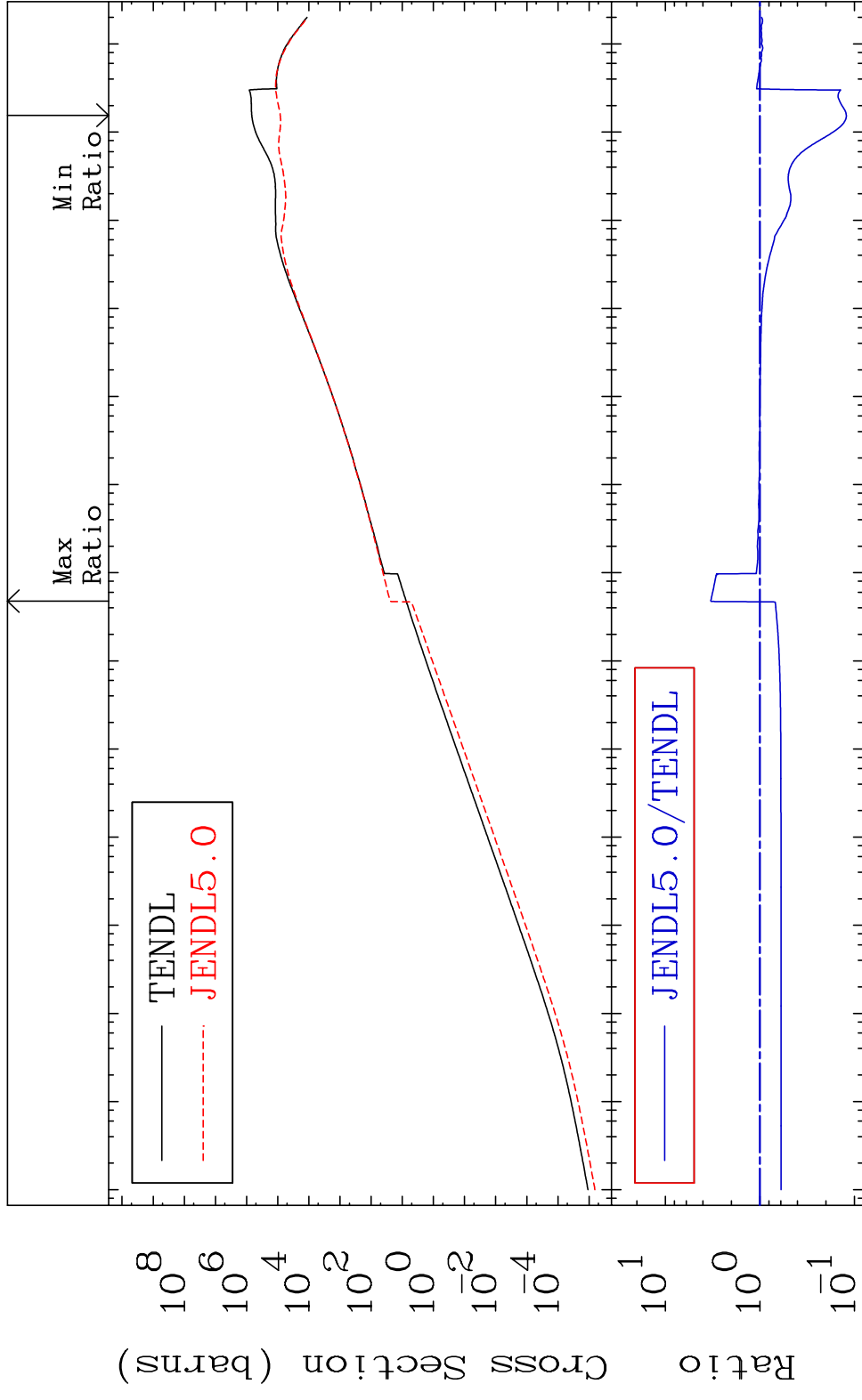
MAT 4126 Kerma total (eV-barns) 41-Nb-93m
 Cross Section -86.78 To 2699. %



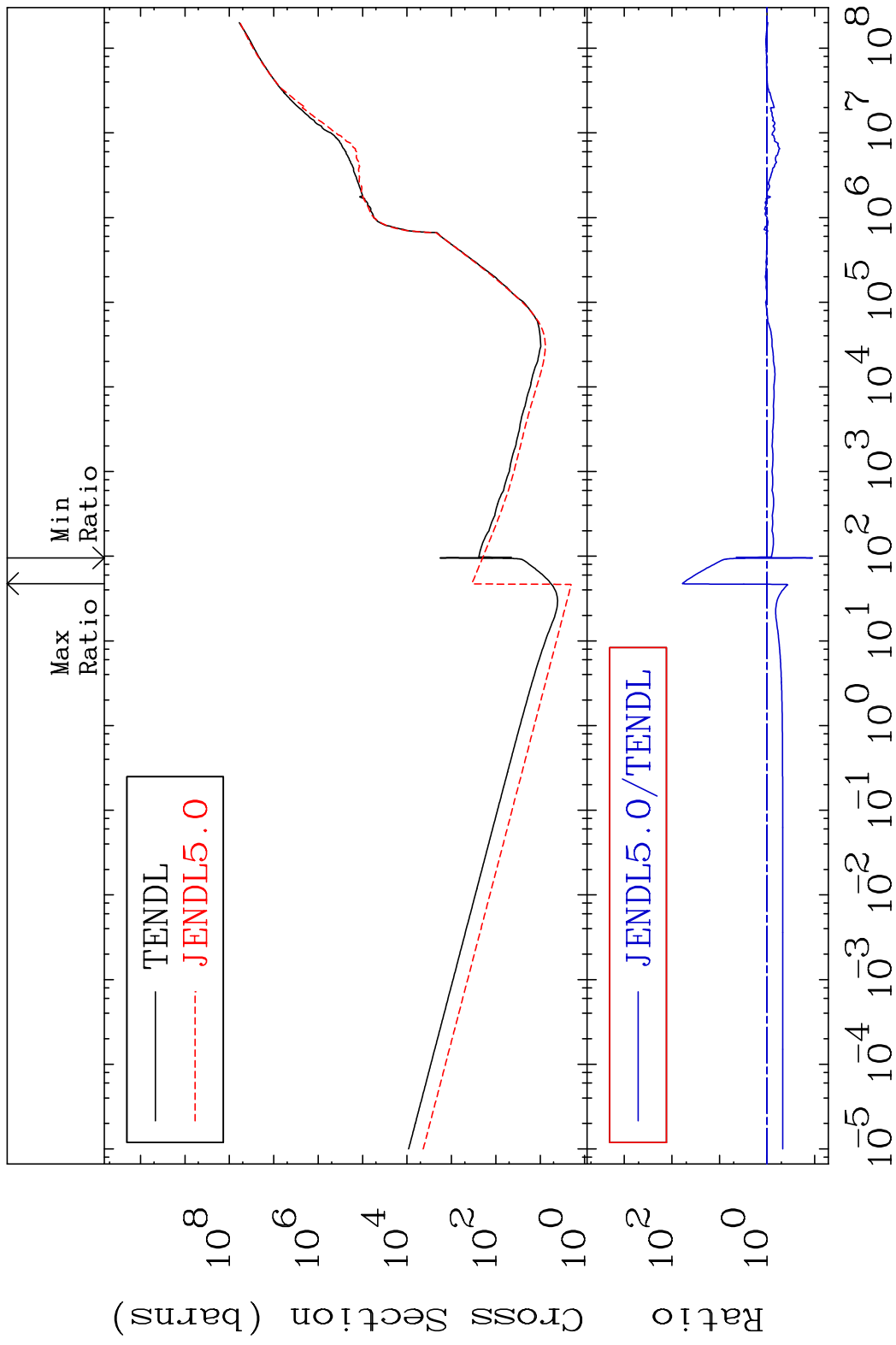
MAT 4126

Kerma elastic
Cross Section

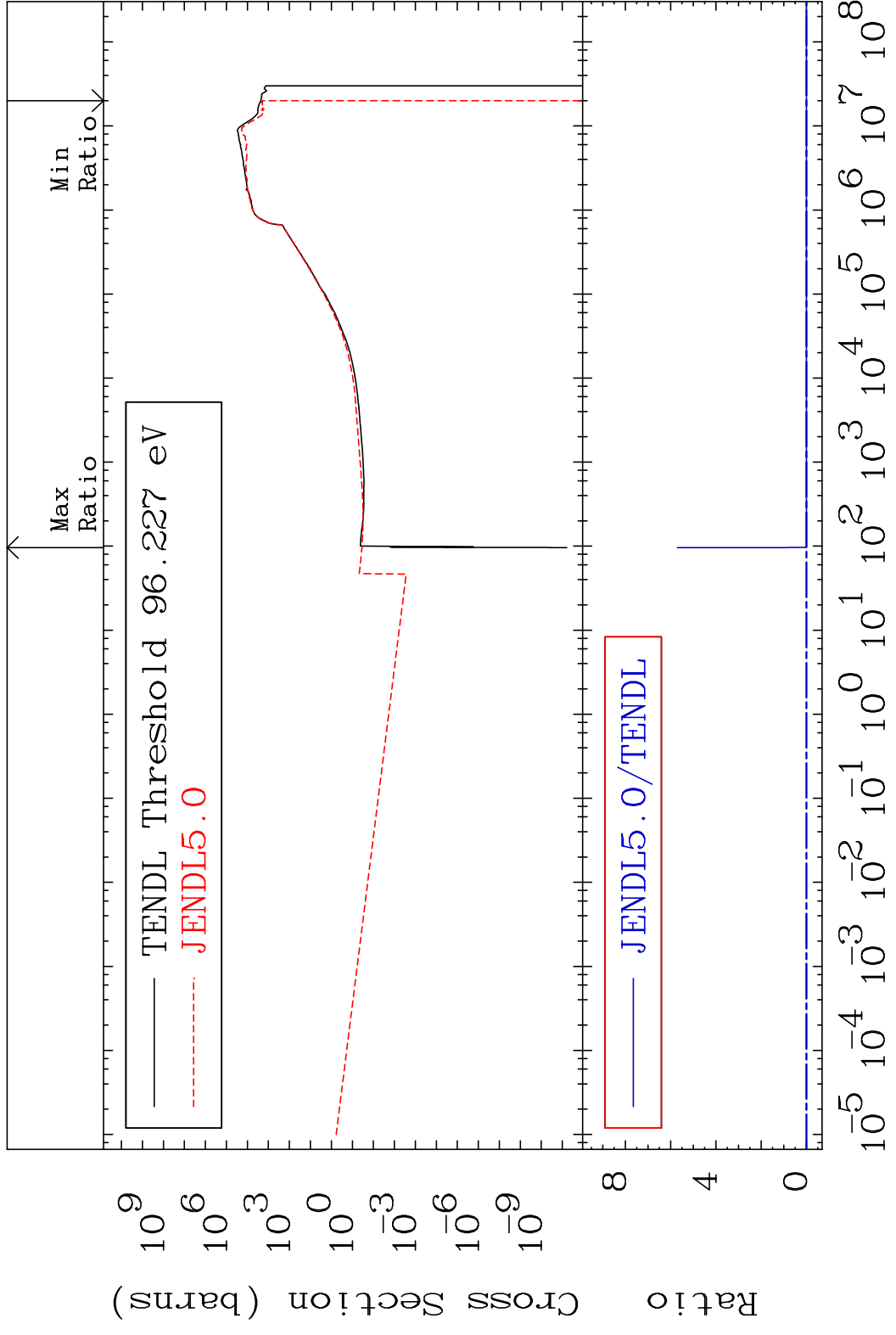
41-Nb-93m
-87.81 To 231.0 %



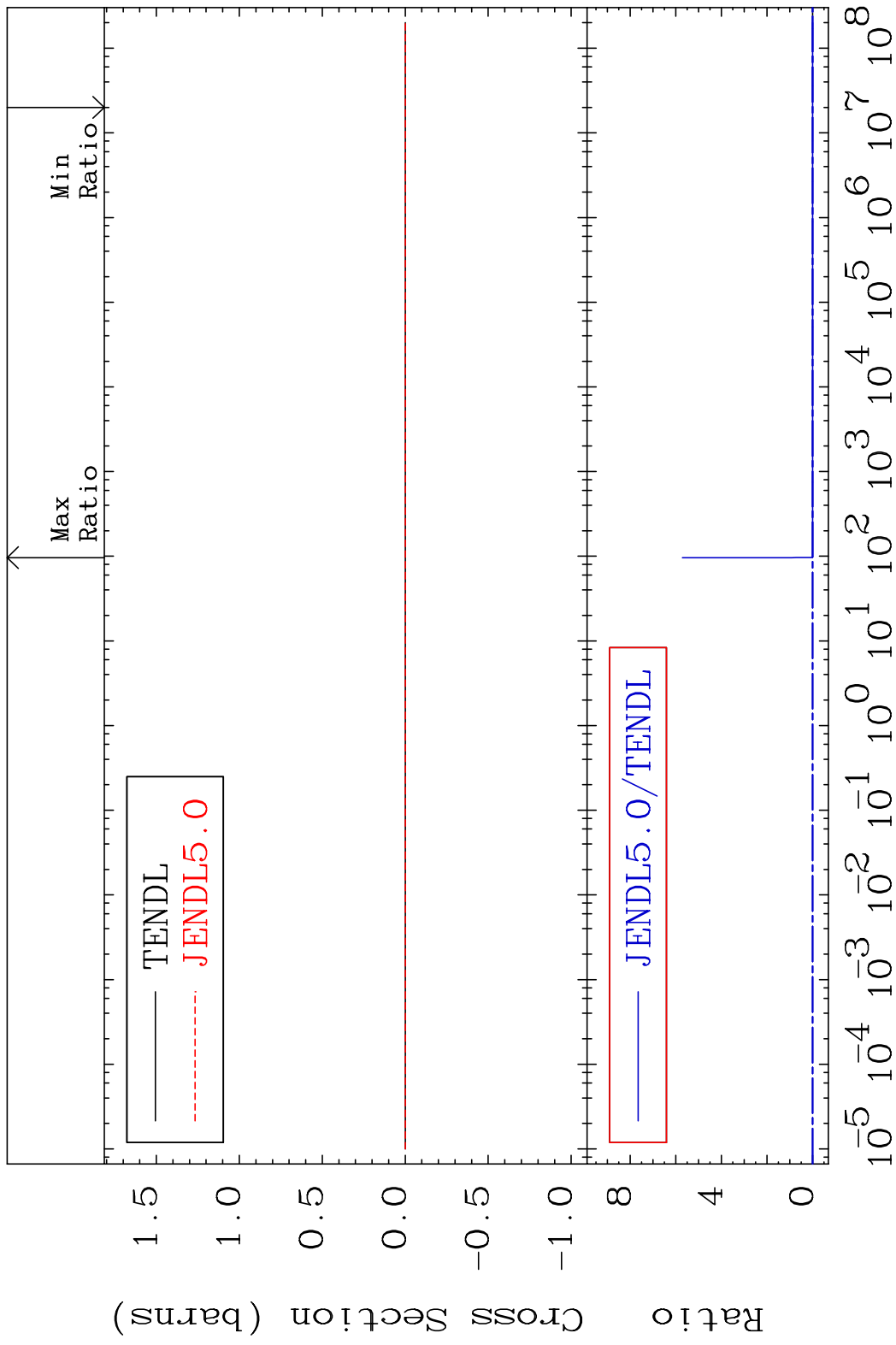
MAT 4126 Kerma non-elastic (all but mt2) 41-Nb-93m
 Cross Section -88.92 To 5915. %



MAT 4126 Kerma inelastic (mt51-91) 41-Nb-93m
 Cross Section -100.0 To 9999. %



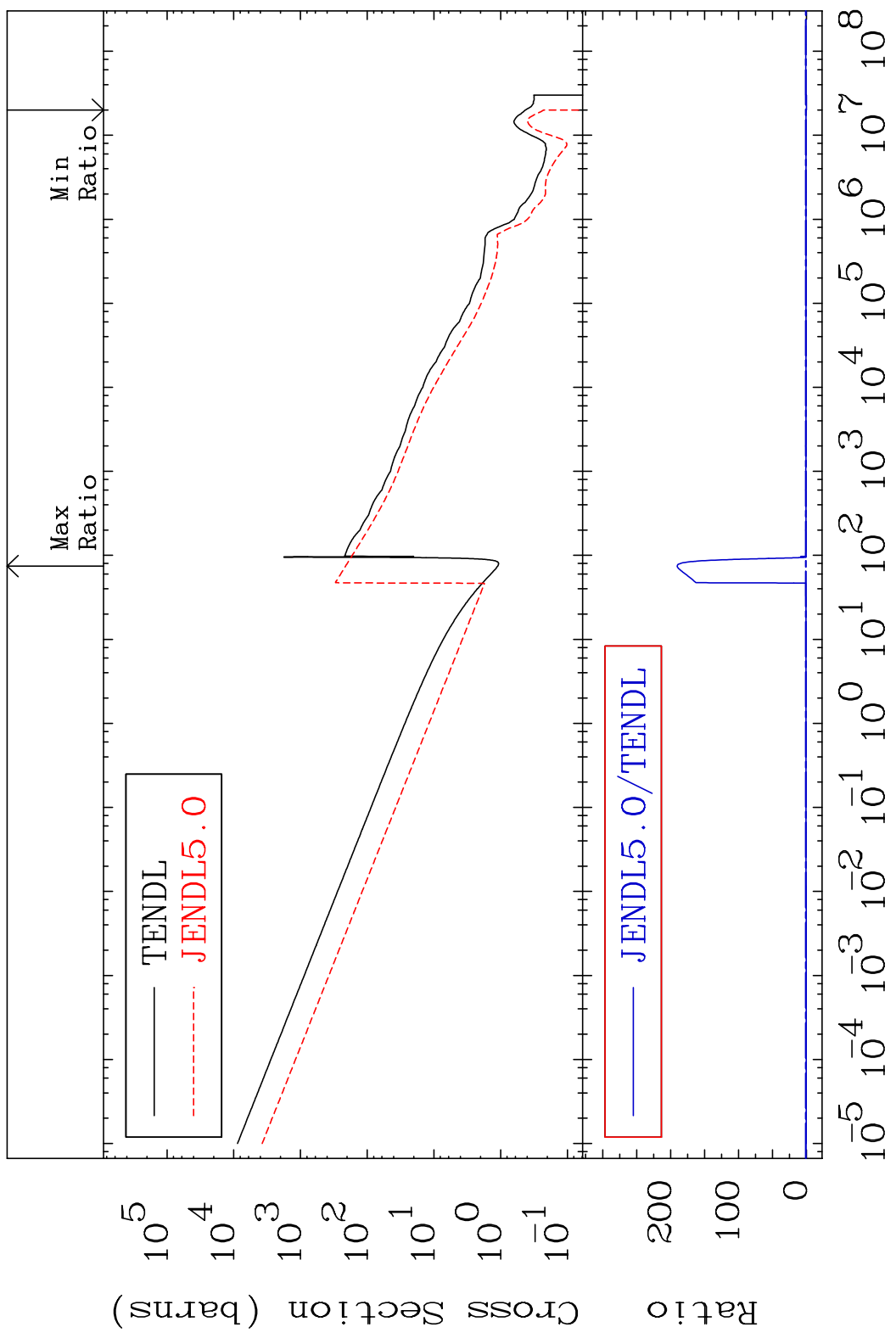
MAT 4126 Kerma fission (mt18 or mt19-20-21-38) 41-Nb-93m
 Cross Section -100.0 To 9999. %



60 Incident Energy (eV) 41-Nb-93m

MAT 4126

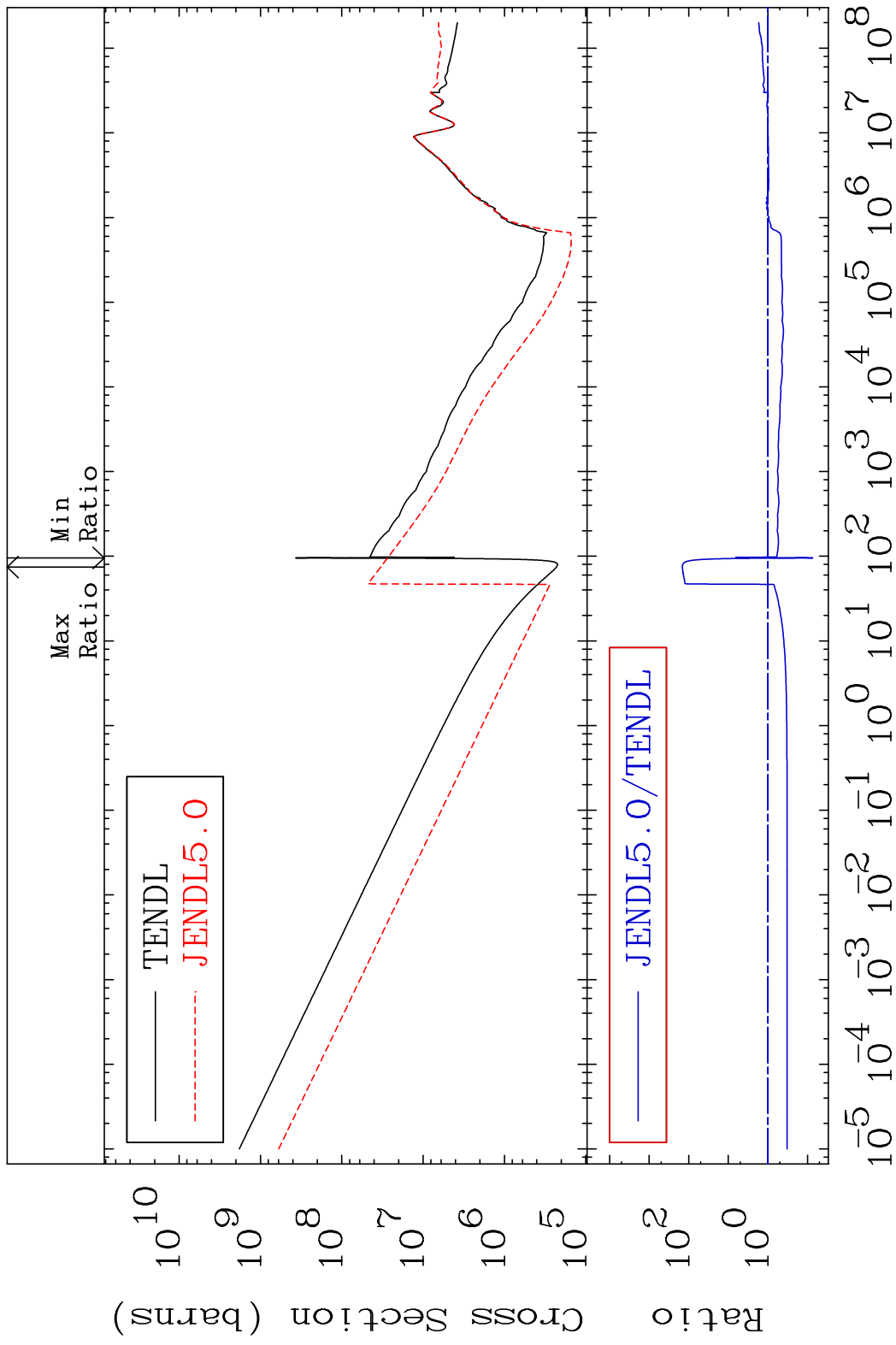
Kerma capture (mt102) 41-Nb-93m
Cross Section -100.0 To 9999. %



61

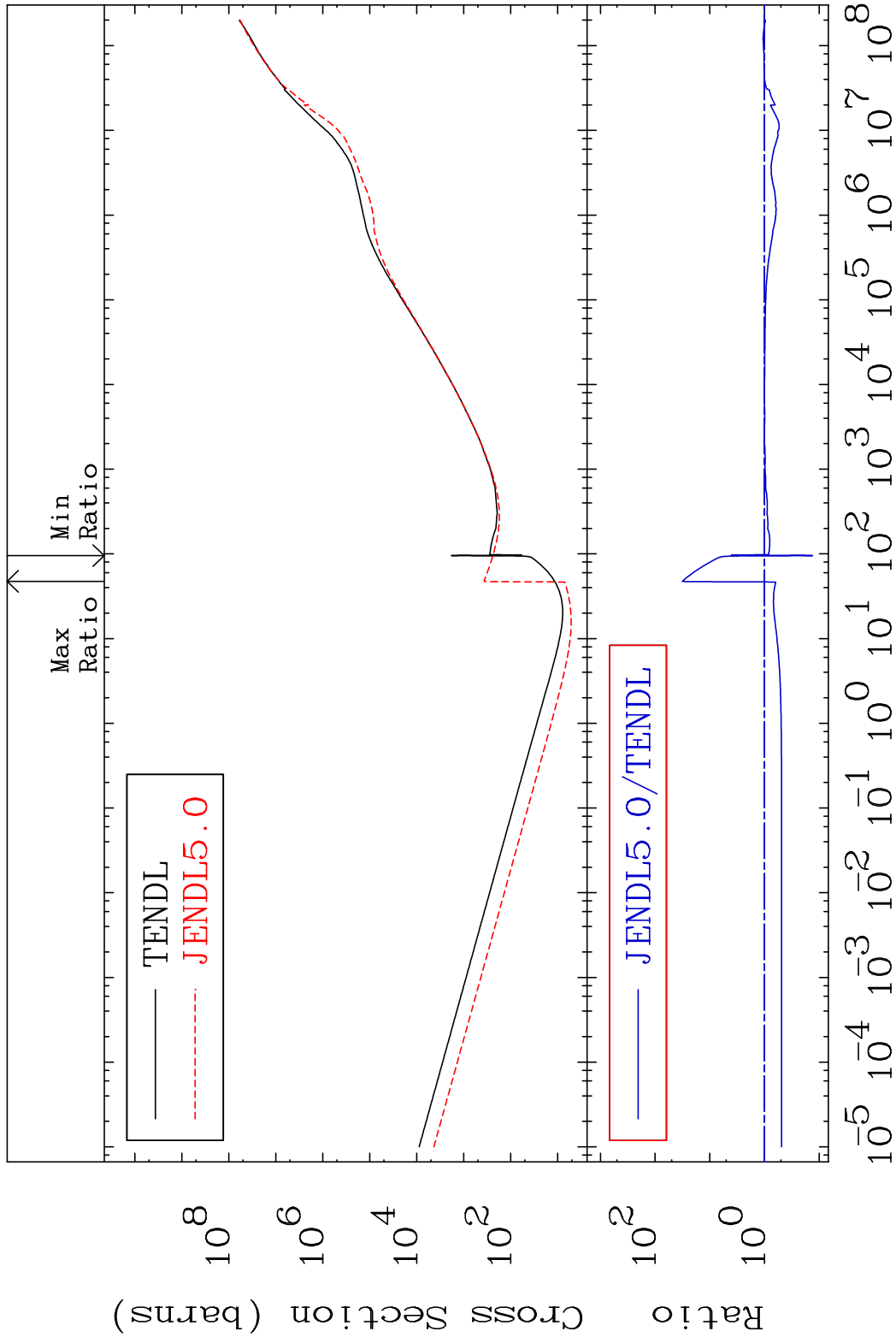
Incident Energy (eV) 41-Nb-93m

MAT 4126 Total photon (eV-barns) 41-Nb-93m
 Cross Section -92.55 To 9999. %

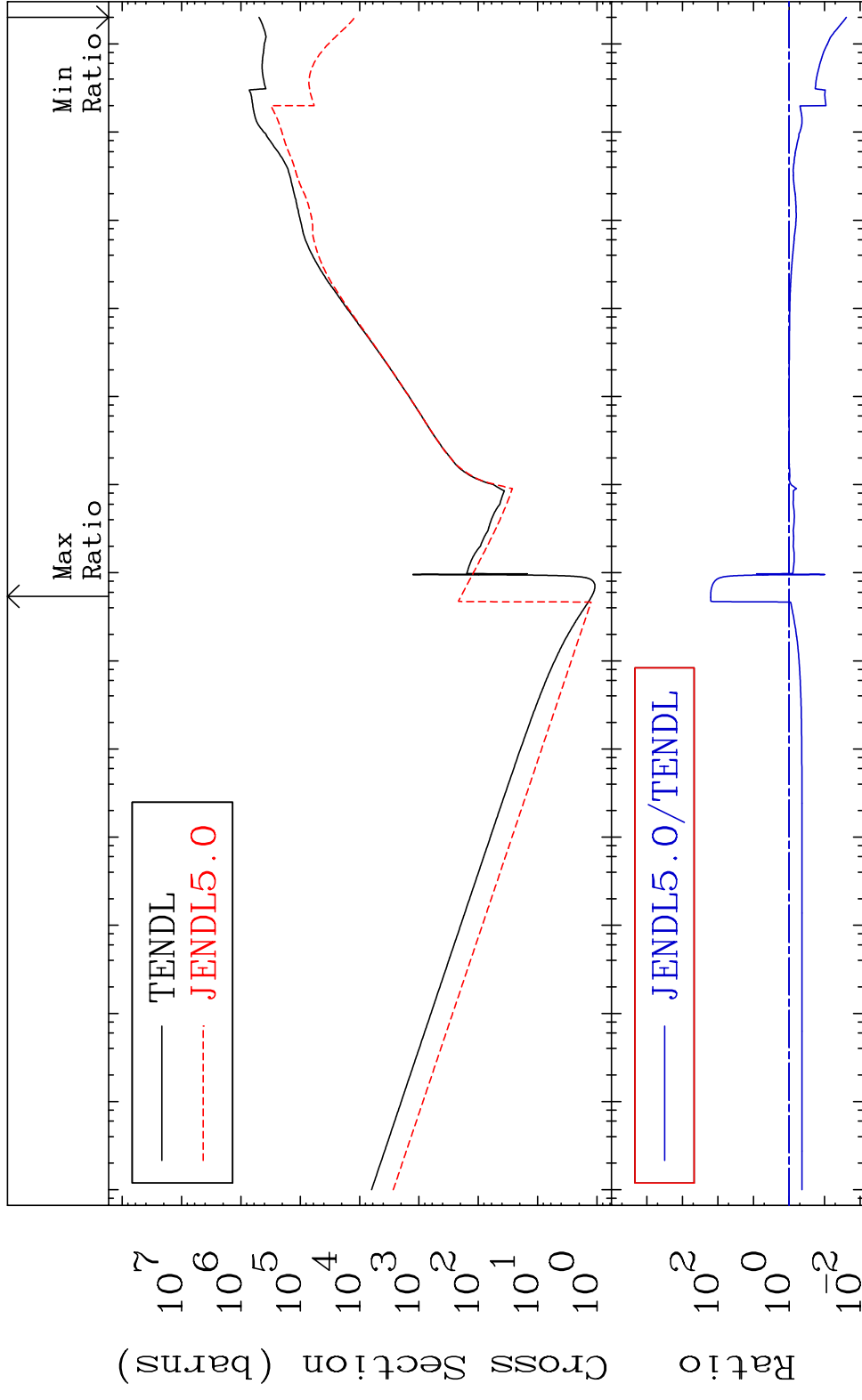


62 Incident Energy (eV) 41-Nb-93m

MAT 4126 Total kinematic kerma (high limit) 41-Nb-93m
 Cross Section -86.78 To 3078. %



MAT 4126 Dpa total (eV-barns) 41-Nb-93m
 Cross Section -97.55 To 9999. %



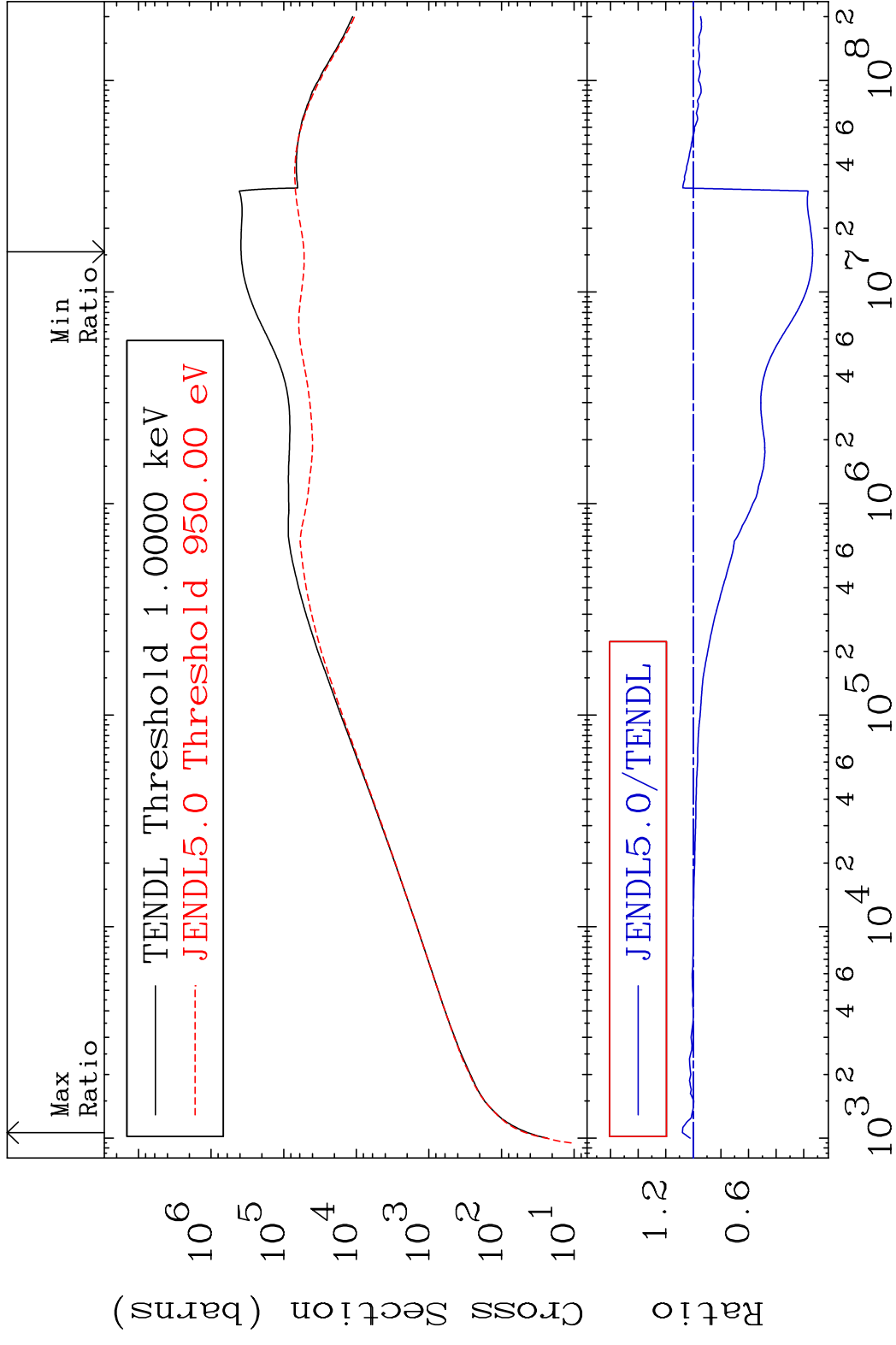
MAT 4126

Dpa elastic (mt2)

41-Nb-93m

Cross Section

-86.40 To 7.949 %

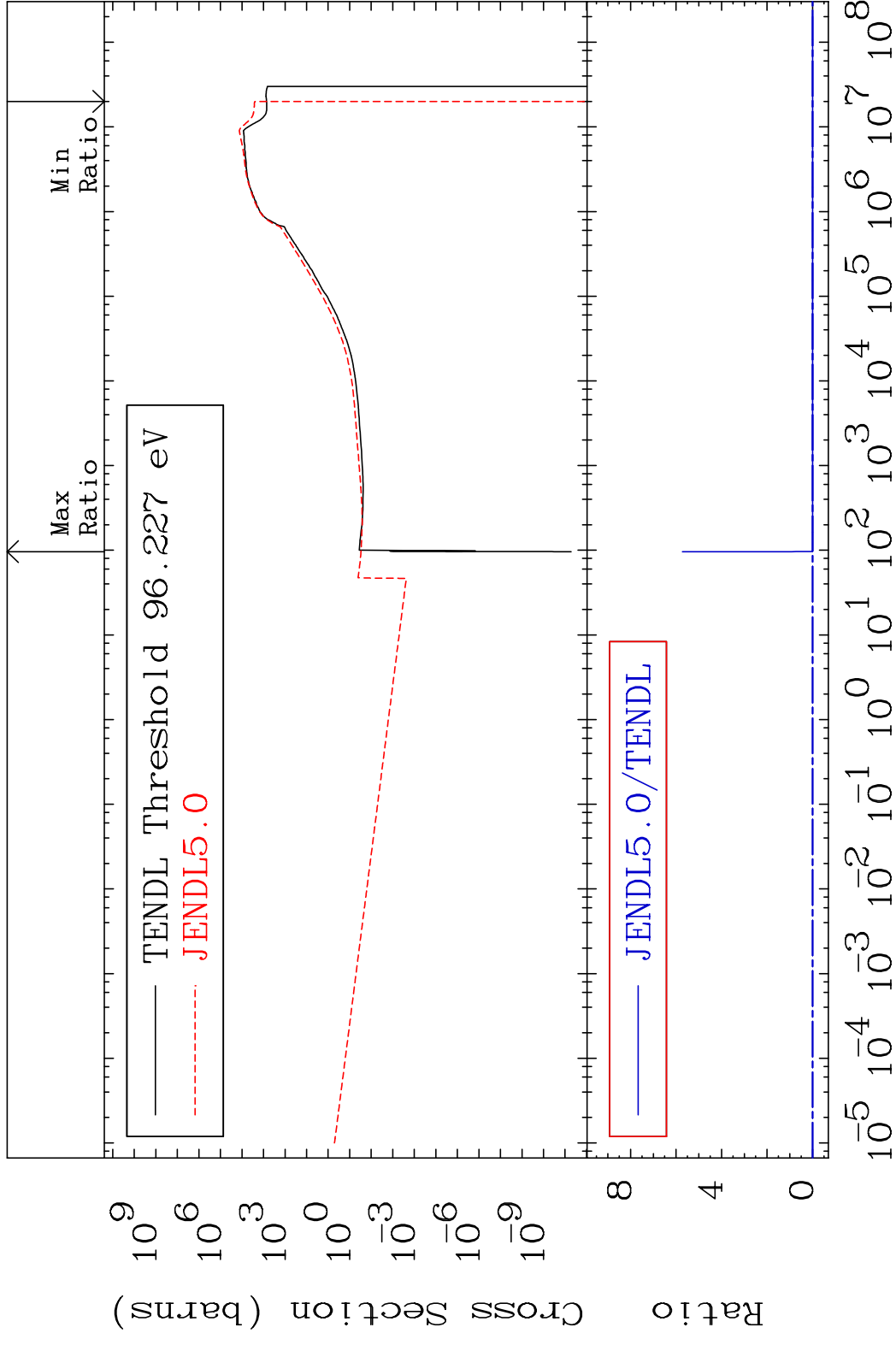


65

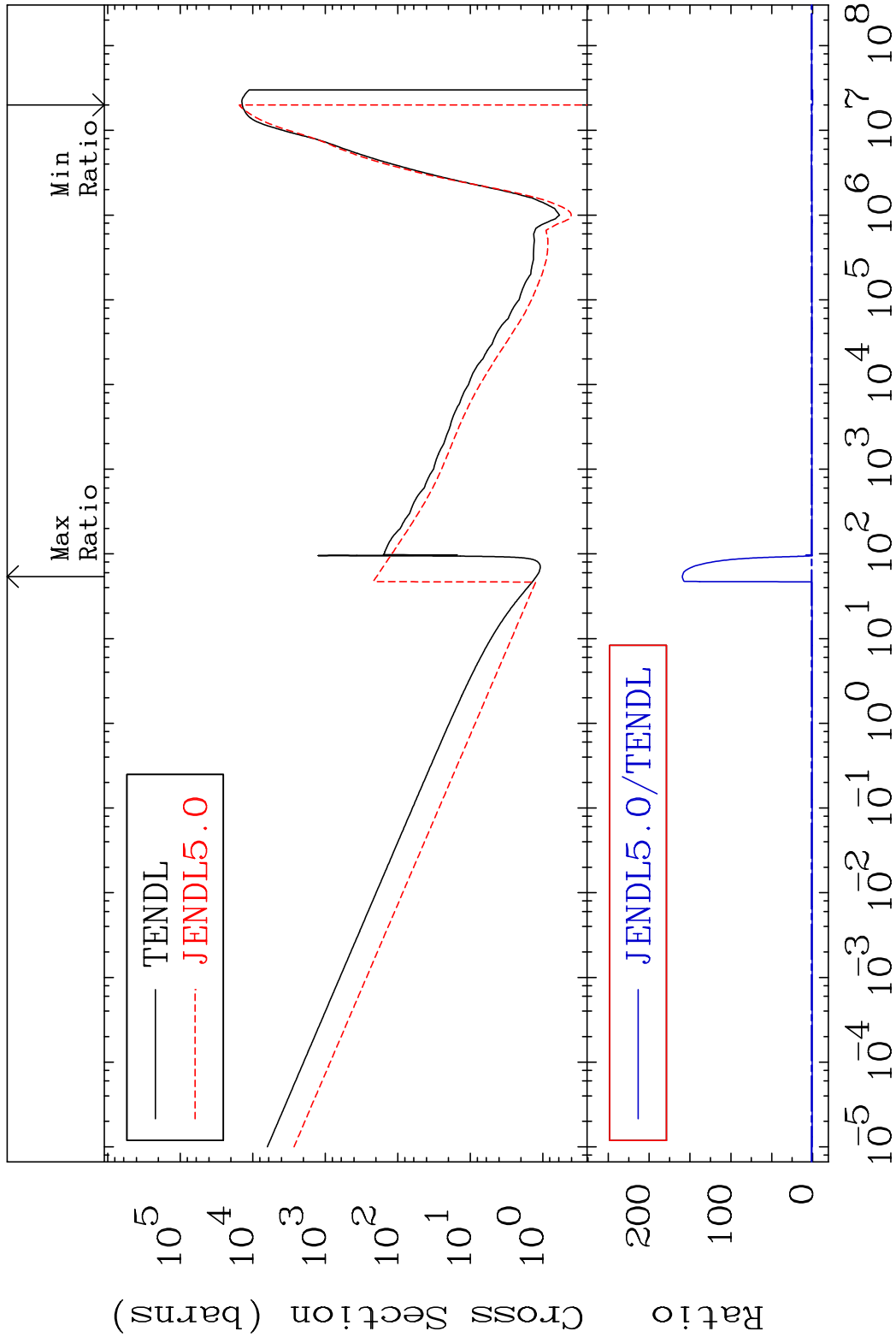
Incident Energy (eV)

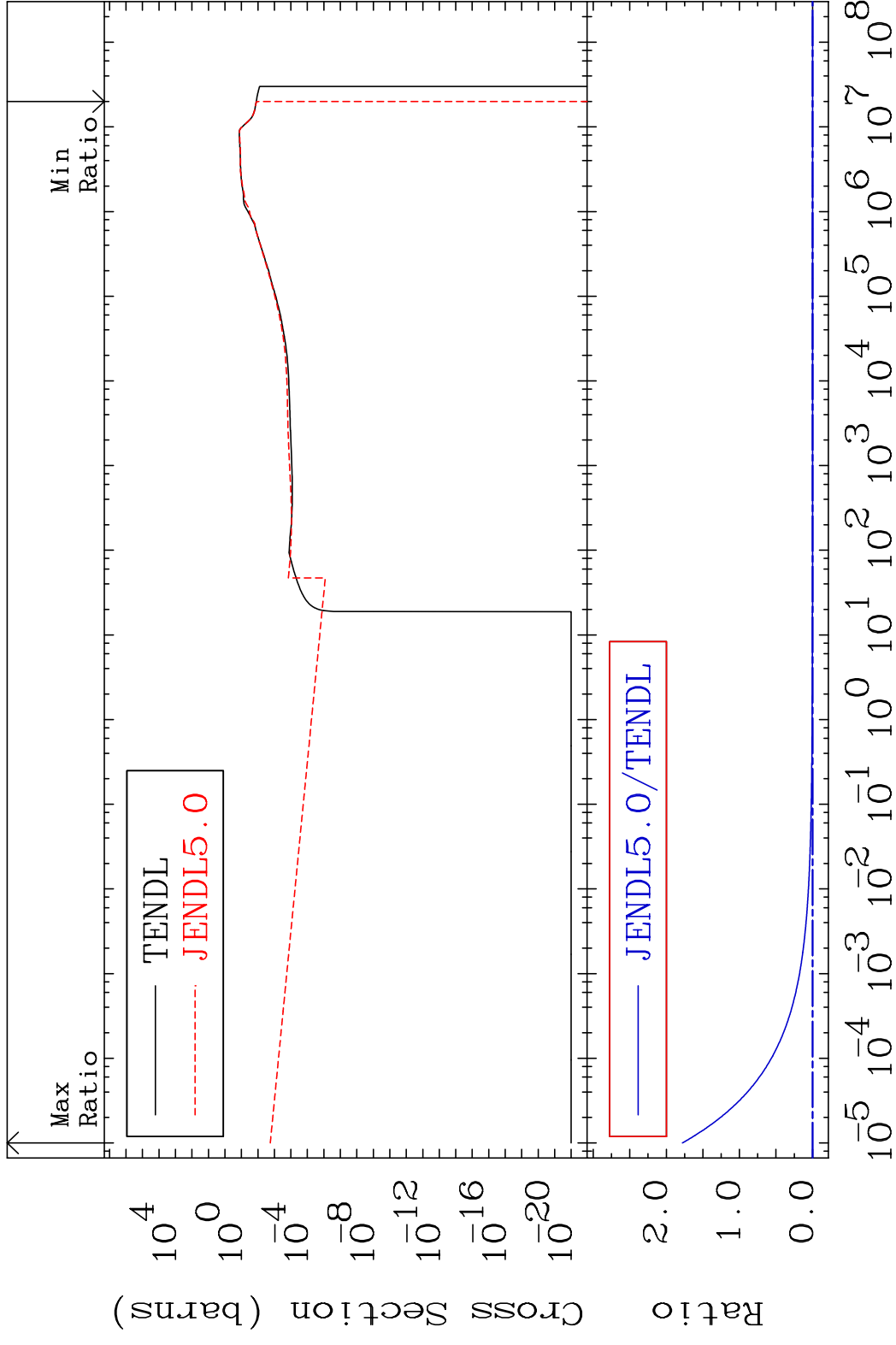
41-Nb-93m

MAT 4126 Dpa inelastic (mt51-91) 41-Nb-93m
 Cross Section -100.0 To 9999. %

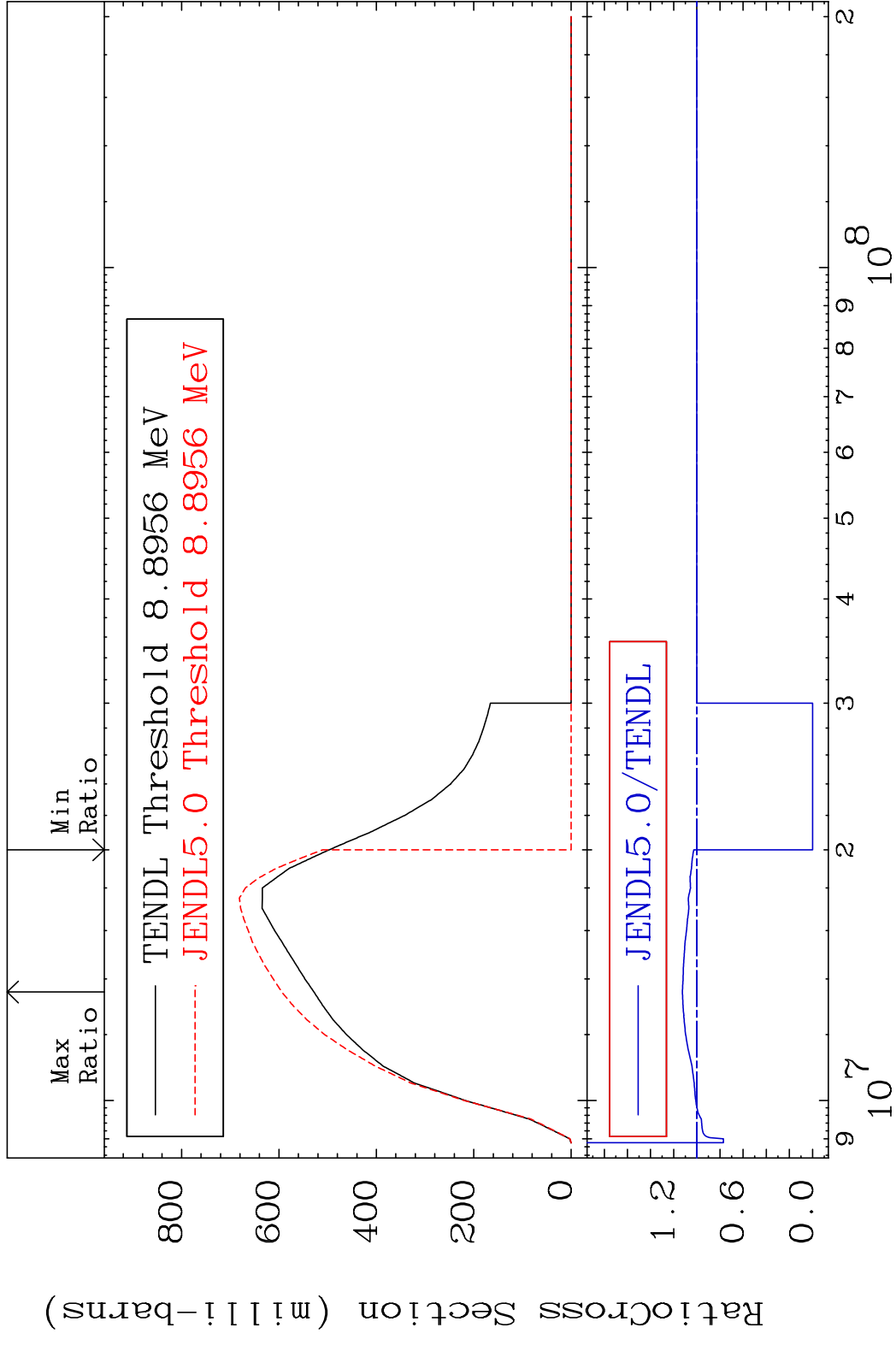


MAT 4126 Dpa disappearance (mt102 -120) 41-Nb-93m
 Cross Section -100.0 To 9999. %



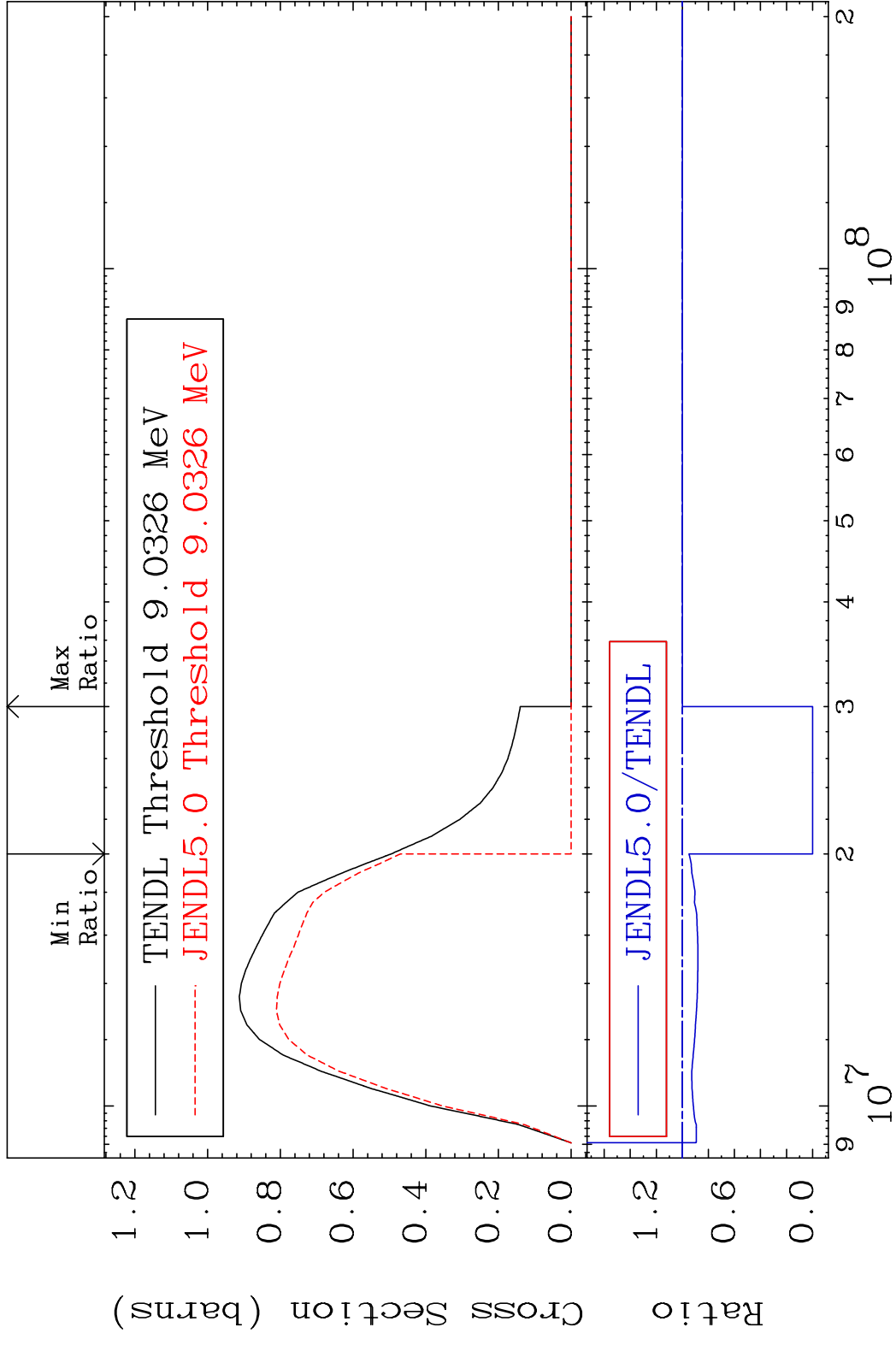


MAT 4126 (n,2n):41-Nb-92g 41-Nb-93m
 Radionuclide Production Cross Section 180.01 dpo 12.53 %



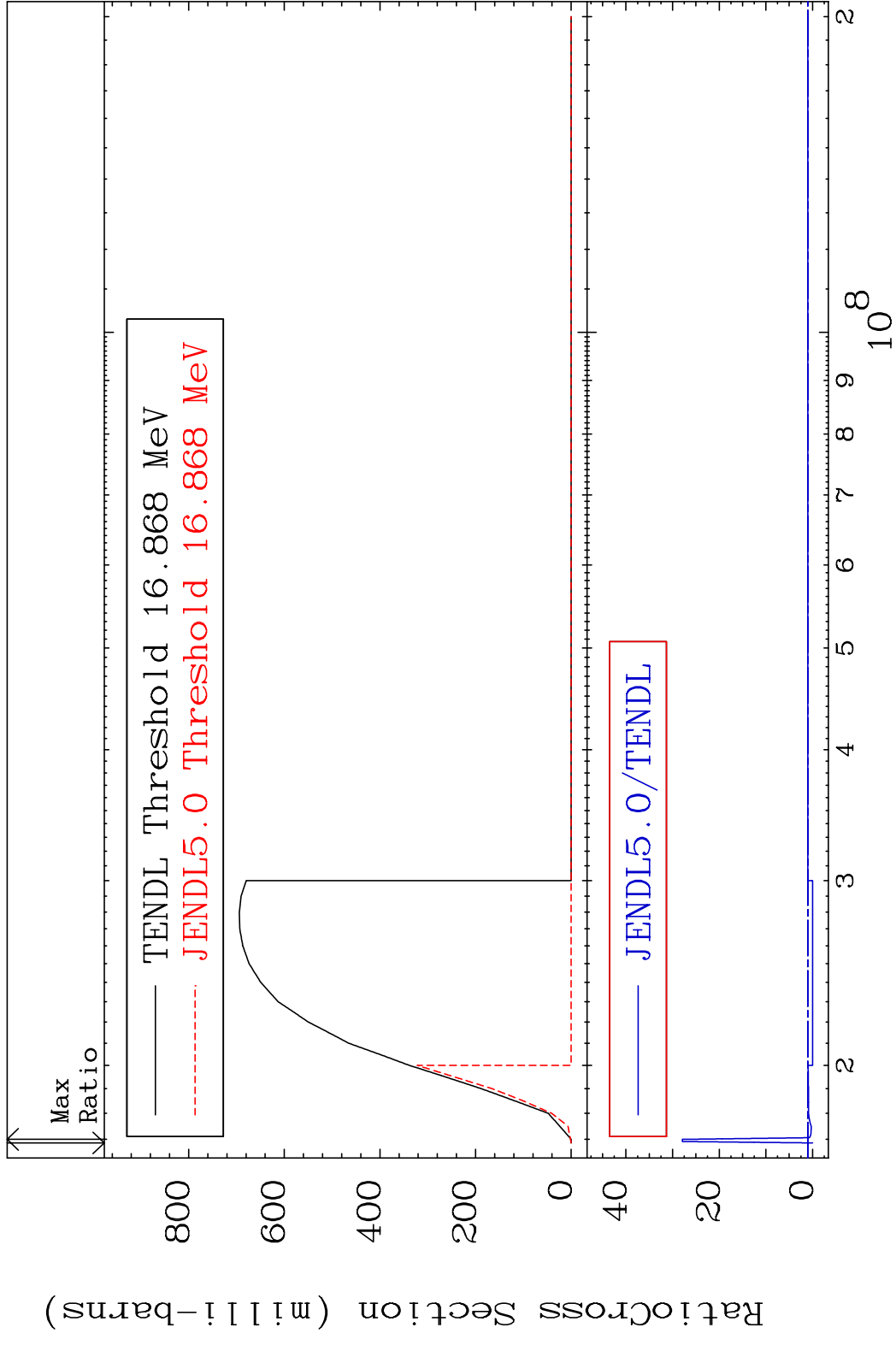
69 Incident Energy (eV) 41-Nb-93m

MAT 4126 (n,2n) : 41-Nb-92m1 41-Nb-93m
 Radionuclide Production Cross Section 180.01 dth 0.000 %

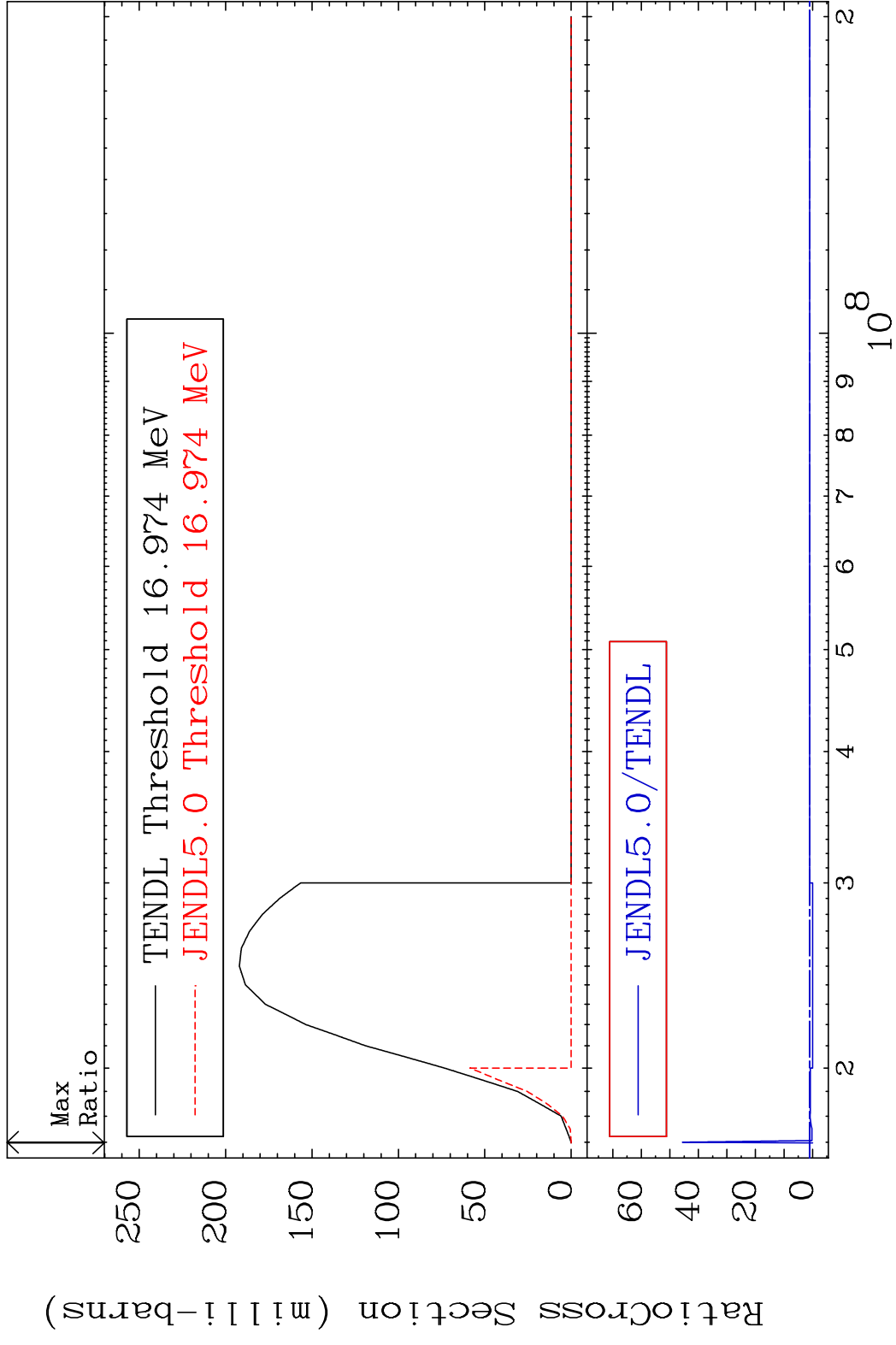


70 Incident Energy (eV) 41-Nb-93m

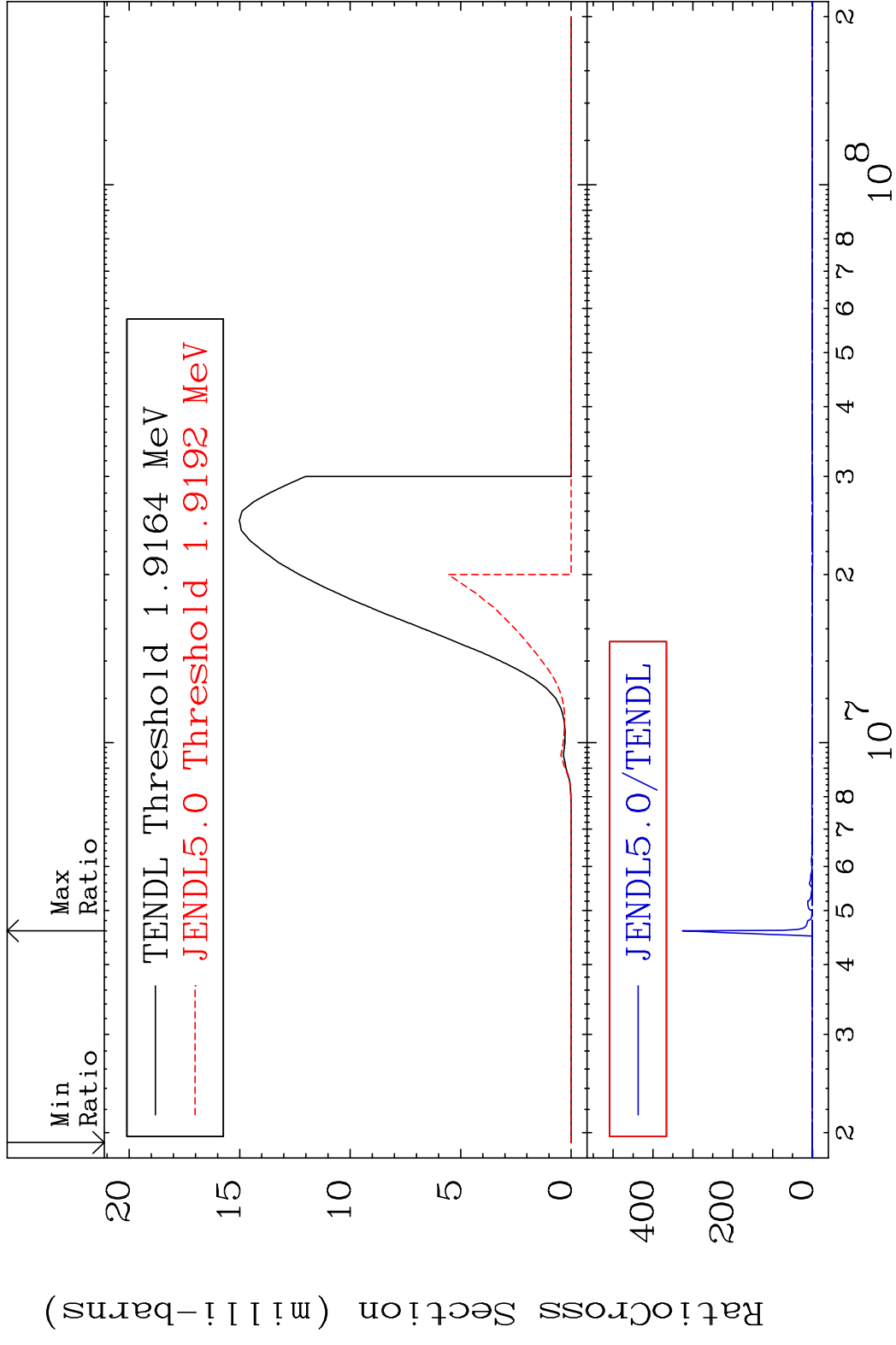
MAT 4126 (n,3n):41-Nb-91g 41-Nb-93m
 Radionuclide Production Cross Section Ratio 2690. %



MAT 4126 (n,3n):41-Nb-91m1 41-Nb-93m
 Radionuclide Production Cross Section 180.0 dth 4462. %

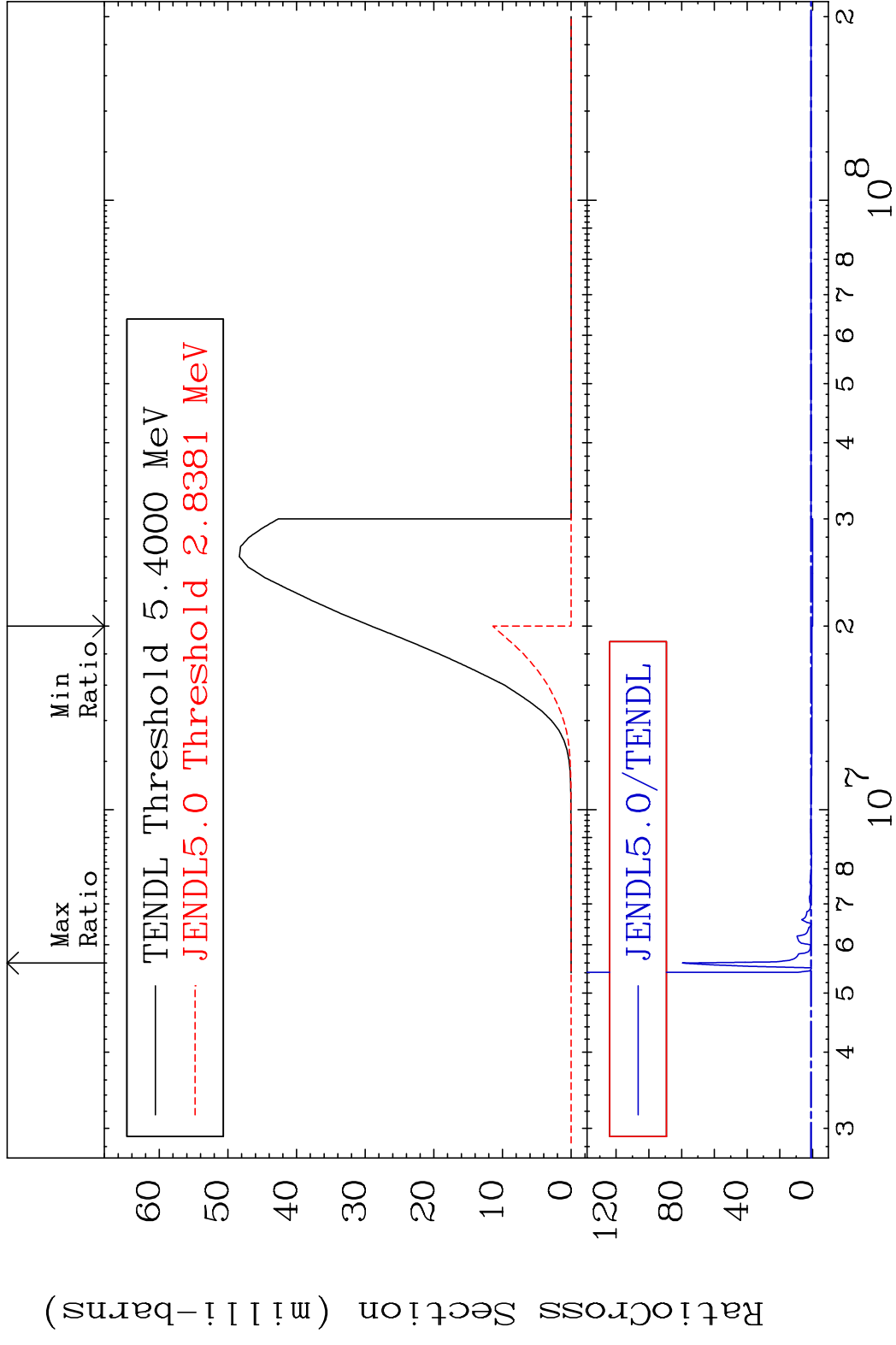


MAT 4126 (n, n') α :39-Y -89g 41-Nb-93m
 Radionuclide Production Cross Section 100.00 to 9999.00 %

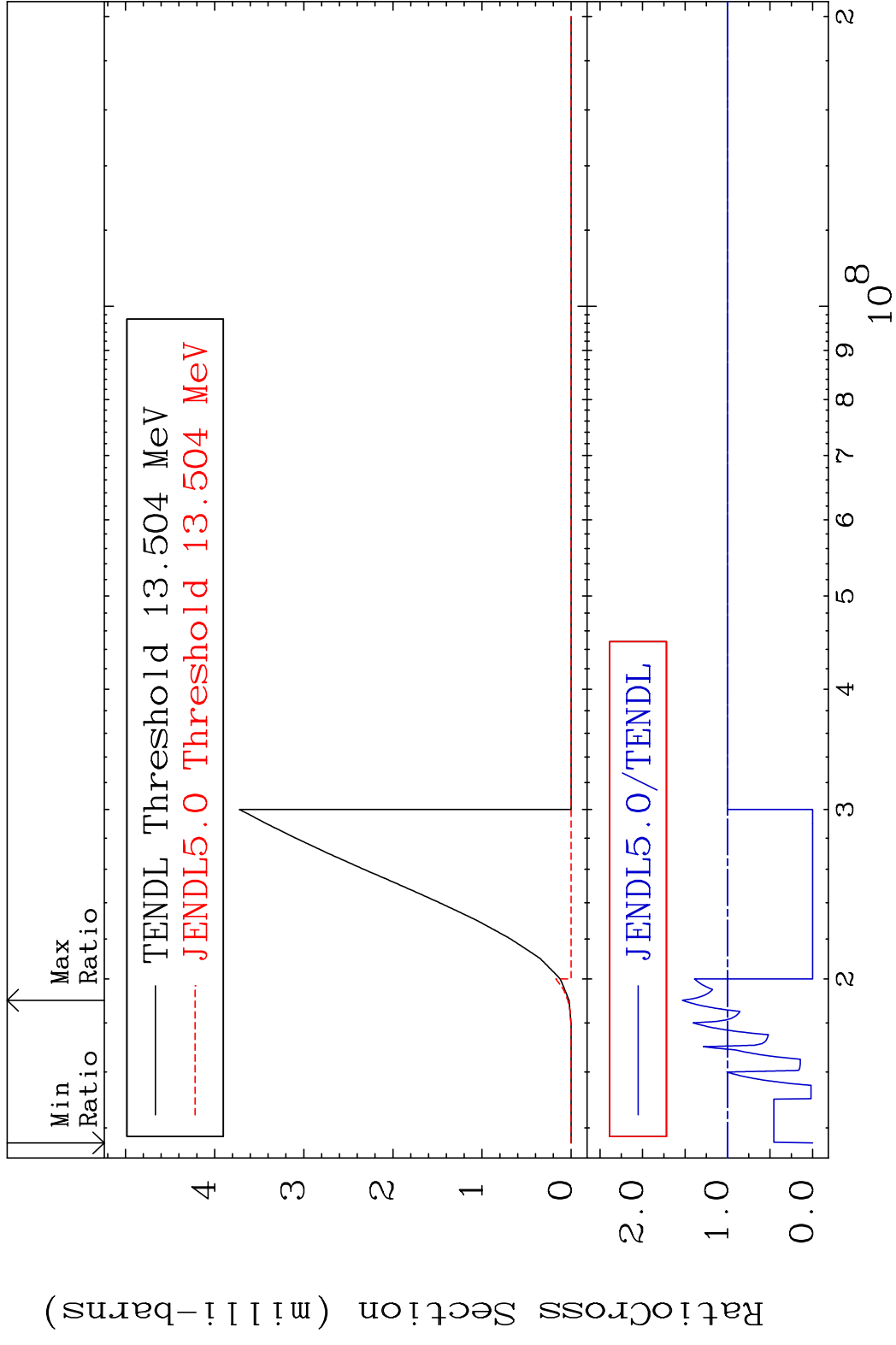


73 Incident Energy (eV) 41-Nb-93m

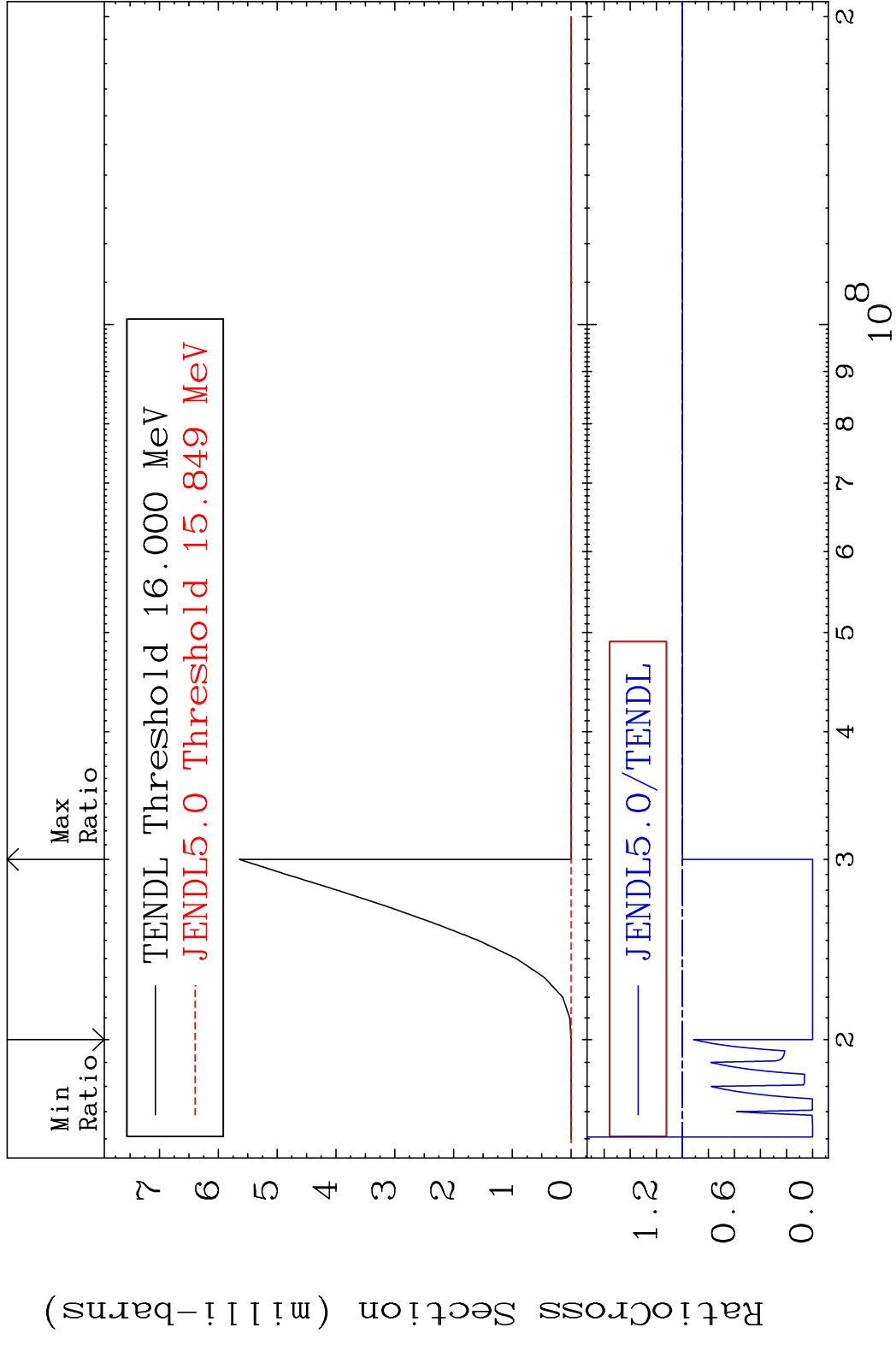
MAT 4126 (n, n') α :39-Y -89m1 41-Nb-93m
 Radionuclide Production Cross Section 18000 dth 7854. %



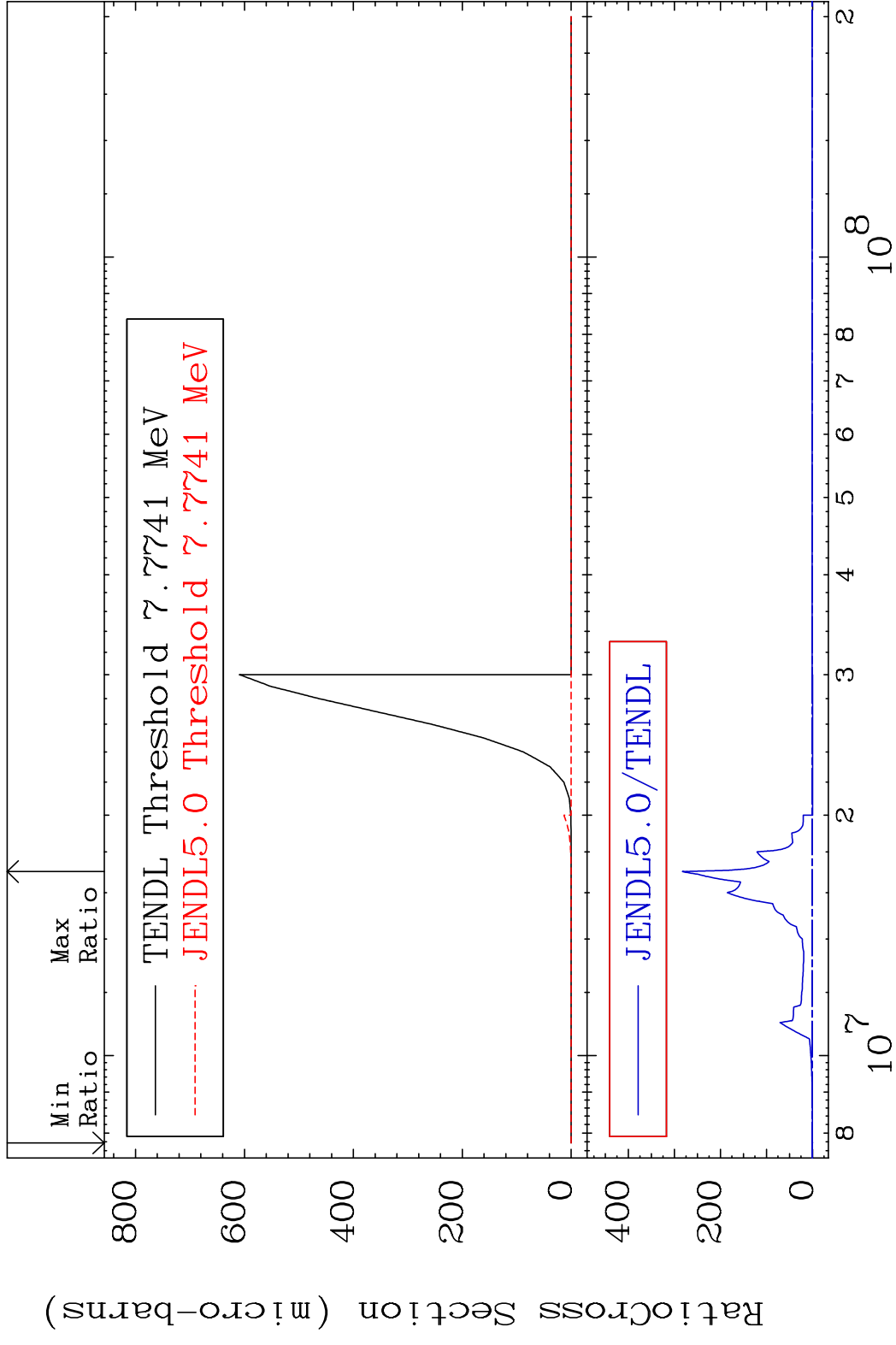
MAT 4126 (n, n') t:40-Zr-90g 41-Nb-93m
 Radionuclide Production Cross Section 180.01 dth 53.20 %



MAT 4126 (n, n') t:40-Zr-90m3 41-Nb-93m
 Radionuclide Production Cross Section 180.01 dth 0.000 %



MAT 4126 (n, He-3):39-Y -91g 41-Nb-93m
 Radionuclide Production Cross Section 100.00 to 9999.0 %



77 Incident Energy (eV) 41-Nb-93m

